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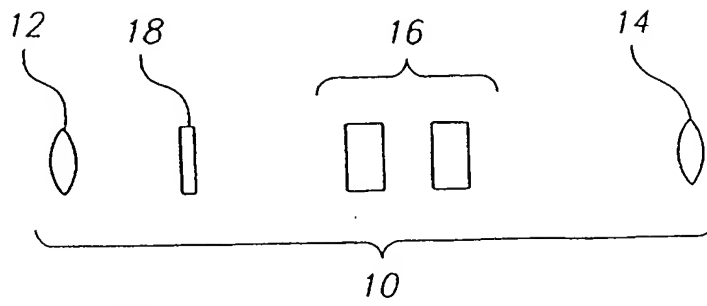
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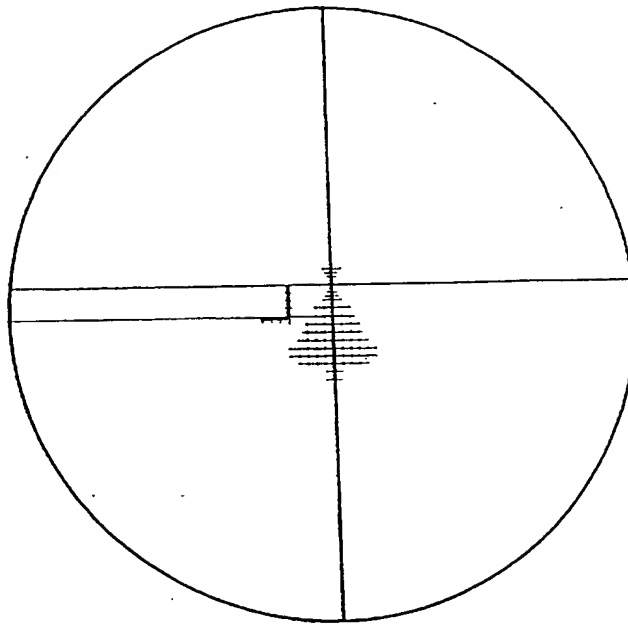
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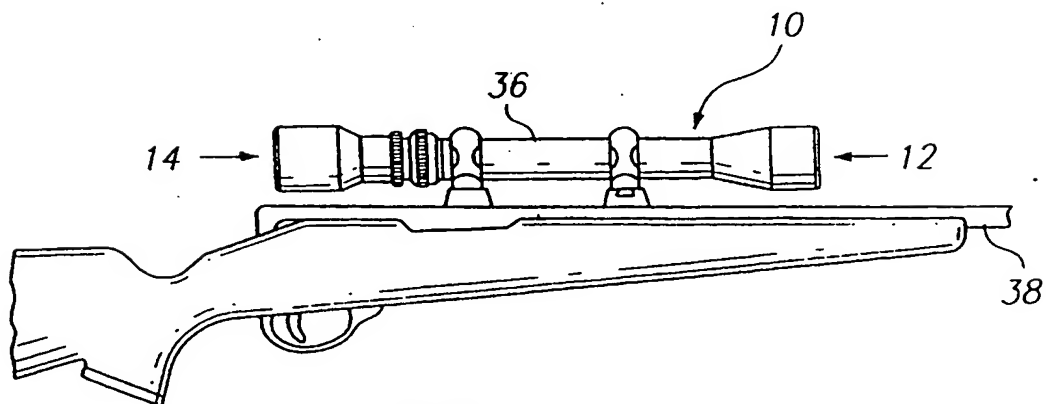
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**FIG. 1**



**FIG. 3**



**FIG. 4**

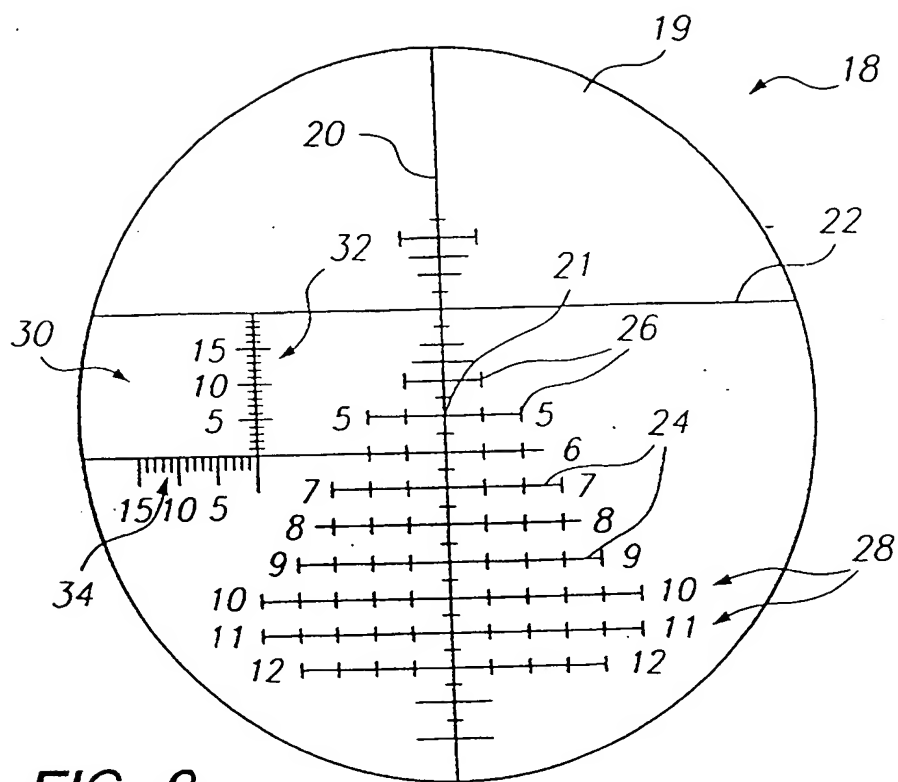


FIG. 2

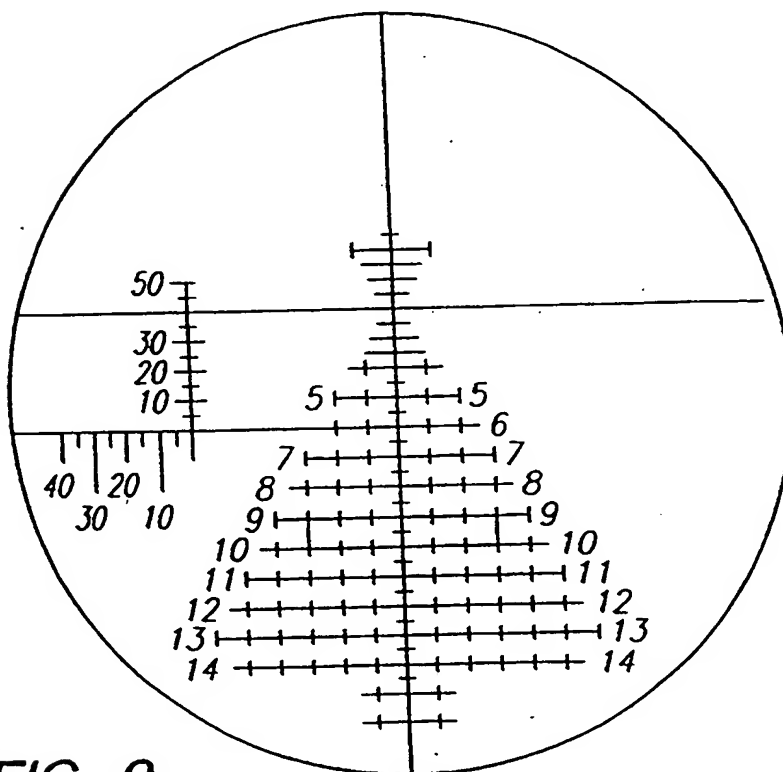


FIG. 9

Sights on at 500 yards. Sights are 3.00 inches above bore.  
 Angle of Departure = 0.21 deg. (Firing angle = 0 deg.)

Range (yds)	50	100	150	200	250	300	350	400	450	500
Traj. (in.)	3.3	8.3	12.2	14.8	16.1	16.0	14.4	11.2	6.5	0.0
Traj. (MOA)	6.2	8.0	7.8	7.1	6.2	5.1	3.9	2.7	1.4	0.0
Range (yds)	550	600	650	700	750	800	850	900	900	1000
Traj. (in.)	-8.2	-18.4	-30.5	-44.6	-61.0	-79.7	-101	-124	-151	-180
Traj. (MOA)	-1.4	-2.9	-4.5	-6.1	-7.8	-9.5	-11.3	-13.2	-15.1	-17.2
Range (yds)	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500
Traj. (in.)	-212	-247	-286	-328	-374	-424	-477	-535	-598	-665
Traj. (MOA)	-19.3	-21.5	-23.7	-26.1	-28.6	-31.1	-33.8	-36.5	-39.4	-42.4
Range (yds)	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
Traj. (in.)	-738	-816	-899	-989	-1085	-1187	-1295	-1411	-1533	-1662
Traj. (MOA)	-45.5	-48.7	-52.1	-55.6	-59.2	-63.0	-66.9	-70.9	-75.1	-79.4
Range (yds)	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500
Traj. (in.)	-1799	-1942	-2093	-2252	-2418	-2592	-2774	-2965	-3163	-3370
Traj. (MOA)	-83.8	-88.3	-93.0	-97.8	-102.6	-107.6	-112.8	-118.0	-123.3	-128.7

FIG. 5

CALIBER \_\_\_\_\_  
 TYPE OF BULLET \_\_\_\_\_  
 BULLET WEIGHT \_\_\_\_\_  
 EFFECTIVE BAL COEFF \_\_\_\_\_  
 BAL. COEFF A STP \_\_\_\_\_  
 COEFFICIENT OF FORM \_\_\_\_\_  
 ALTITUDE \_\_\_\_\_  
 TEMPERATURE \_\_\_\_\_  
 ATMOSPHERIC PRESSURE \_\_\_\_\_

DATE \_\_\_\_\_  
 NOTES \_\_\_\_\_

# WORKSHEET

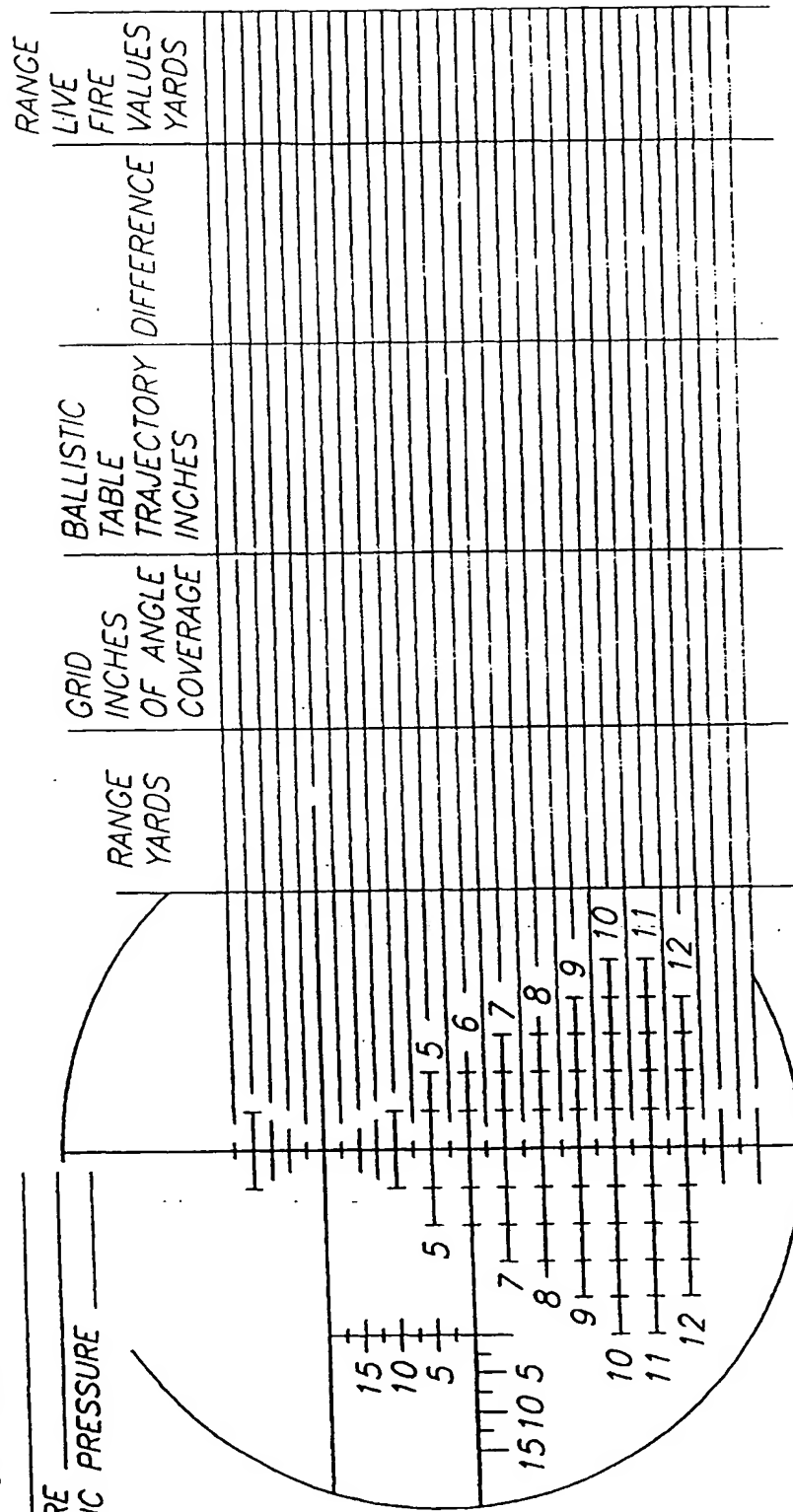


FIG. 6

CALIBER .50 Cal BMG  
 TYPE OF BULLET 750gr AMAX MATCH  
 BULLET WEIGHT 750gr  
 EFFECTIVE BAL COEFF 0.750  
 BAL. COEFF A STP 0.750  
 COEFFICIENT OF FORM 0.571  
 ALTITUDE 60.0F  
 TEMPERATURE 30.0 IN.  
 ATMOSPHERIC PRESSURE

DATE \_\_\_\_\_  
 NOTES \_\_\_\_\_

# WORKSHEET

RANGE YARDS	GRID INCHES OF ANGLE COVERAGE	BALLISTIC TABLE TRAJECTORY INCHES	DIFFERENCE	RANGE LIVE FIRE VALUES YARDS
100	7.5	+8.3	1	
200	15	+14.8	+1.0	
300	10	+11.2	+1.2	
400	10	0	0	
500	15.1	-18.4	-3.3	
650	32.0	-61	+1.5	
750	56.25	-79.7	+0.3	
800	80.0	-101.0	+5.11	
850	106.25	-151	-8.5	
950	142.5	-180	-5.0	
1050	175	-212	-2.0	
1100	247.5	-247	-0.5	
1150	286	-286	0	
1200	330	-328	+1.0	
1250	375	-374	+2.5	
1300	422.5	-424	-4.5	
1350	472.5	-477	-10.0	
1400	525	-535	-18.0	
1450	580	-598		
1500	675	-665	+10.0	
1550	736.25	-738	-1.75	
1600	800	-816	-16.0	
1650	907.5	-899	+8.5	
1700	1020	-989	+41	

FIG. 7

FIG. 8A

Hunting Shack 750 Gr AMAX Match .50 BMG (Calculated using Ingalls' table)									
Bullet Weight	750 grains	Bullet Caliber	0.500						
Sectional Density	0.429	Coefficient of Form	0.571						
Effective Bal. Coeff	0.750	Bal. Coeff at STP	0.750						
Cross wind	10.0 m.p.h.	Altitude	0	Ft.					
Atmospheric pressure	30.00 in.	Temperature	60.0	F					
Range yards	Velocity f.p.s.	Energy ft.-lb.	Momentum lb.-sec.	Mx. Ord. in.	Defl. in.	Drop in.	Lead in./mph	Time sec.	
0	2800	13054.6	9.3247	0.0	0.0	0.0	0.0	0.000	
50	2736	12468.5	9.1130	0.1	0.1	0.6	1.0	0.054	
100	2674	11903.1	8.9040	0.6	0.4	2.3	1.9	0.110	
150	2612	11357.7	8.6976	1.3	1.0	5.2	2.9	0.166	
200	2551	10833.0	8.4943	2.4	1.8	9.4	4.0	0.225	
250	2491	10329.2	8.2945	3.9	2.8	15.0	5.0	0.284	
300	2432	9845.5	8.0979	5.7	4.1	21.9	6.1	0.345	
350	2374	9381.1	7.9046	8.0	5.7	30.4	7.2	0.407	
400	2317	8935.5	7.7146	10.7	7.5	40.3	8.3	0.471	
450	2260	8508.0	7.5278	13.9	9.6	51.9	9.5	0.537	
500	2205	8098.0	7.3442	17.6	12.0	65.2	10.6	0.604	
550	2151	7705.0	7.1637	21.8	14.7	80.2	11.8	0.673	
600	2098	7328.3	6.9864	26.7	17.7	97.2	13.1	0.744	
650	2046	6967.3	6.8122	32.1	21.1	116.1	14.4	0.816	
700	1994	6621.6	6.6410	38.2	24.7	137.1	15.7	0.890	
750	1944	6290.6	6.4729	45.1	28.7	160.3	17.0	0.966	
800	1894	5973.7	6.3078	52.7	33.0	185.7	18.4	1.045	
850	1845	5670.5	6.1456	61.2	37.7	213.6	19.8	1.125	
900	1798	5380.5	5.9864	70.5	42.8	244.1	21.2	1.207	
950	1751	5104.6	5.8309	80.7	48.2	277.2	22.7	1.292	
1000	1705	4842.8	5.6794	92.0	54.1	313.2	24.3	1.379	
1050	1661	4594.5	5.5319	104.4	60.3	352.2	25.8	1.468	

FIG. 8

FIG. 8A
FIG. 8B

1100	1618	4358.9	5.3882	117.9	67.0	394.3	27.4	1.559
1150	1576	4135.4	5.2482	132.6	74.1	439.7	29.1	1.653
1200	1535	3923.3	5.1119	148.6	81.7	488.7	30.8	1.750
1250	1495	3722.1	4.9791	166.1	89.7	541.3	32.5	1.849
1300	1456	3531.3	4.8498	185.0	98.1	597.8	34.3	1.950
1350	1418	3350.2	4.7238	205.4	107.1	658.3	36.2	2.055
1400	1382	3178.4	4.6011	227.6	116.5	723.2	38.0	2.162
1450	1346	3016.8	4.4826	251.5	126.4	792.6	40.0	2.272
1500	1312	2867.1	4.3700	277.4	136.9	866.9	42.0	2.385
1550	1280	2728.4	4.2629	305.4	147.8	946.3	44.0	2.500
1600	1249	2599.4	4.1610	335.5	159.3	1031.1	46.1	2.619
1650	1220	2479.7	4.0640	367.9	171.2	1121.4	48.2	2.741
1700	1193	2371.7	3.9745	402.8	183.7	1217.7	50.4	2.865
1750	1169	2274.7	3.8924	440.2	196.6	1320.3	52.7	2.992
1800	1146	2187.0	3.8166	480.5	210.0	1429.2	54.9	3.122
1850	1125	2107.4	3.7465	523.7	223.8	1544.7	57.3	3.254
1900	1105	2034.6	3.6812	569.8	238.1	1666.9	59.6	3.388
1950	1087	1967.8	3.6203	618.7	252.7	1795.9	62.0	3.525
2000	1070	1906.2	3.5632	670.5	267.8	1931.9	64.5	3.664
2050	1054	1849.2	3.5095	725.3	283.2	2075.0	67.0	3.805
2100	1039	1796.3	3.4590	783.0	299.0	2225.5	69.5	3.949
2150	1024	1747.1	3.4112	843.8	315.2	2383.3	72.1	4.094
2200	1011	1701.0	3.3660	907.7	331.7	2548.7	74.7	4.242
2250	998	1657.9	3.3231	974.8	348.6	2721.9	77.3	4.391
2300	986	1617.5	3.2822	1045.0	365.8	2902.8	79.9	4.542
2350	974	1579.4	3.2433	1118.4	383.3	3091.8	82.6	4.695
2400	963	1543.4	3.2062	1195.0	401.2	3289.0	85.4	4.850
2450	952	1508.7	3.1699	1274.8	419.3	3494.2	88.1	5.007

FIG. 8B



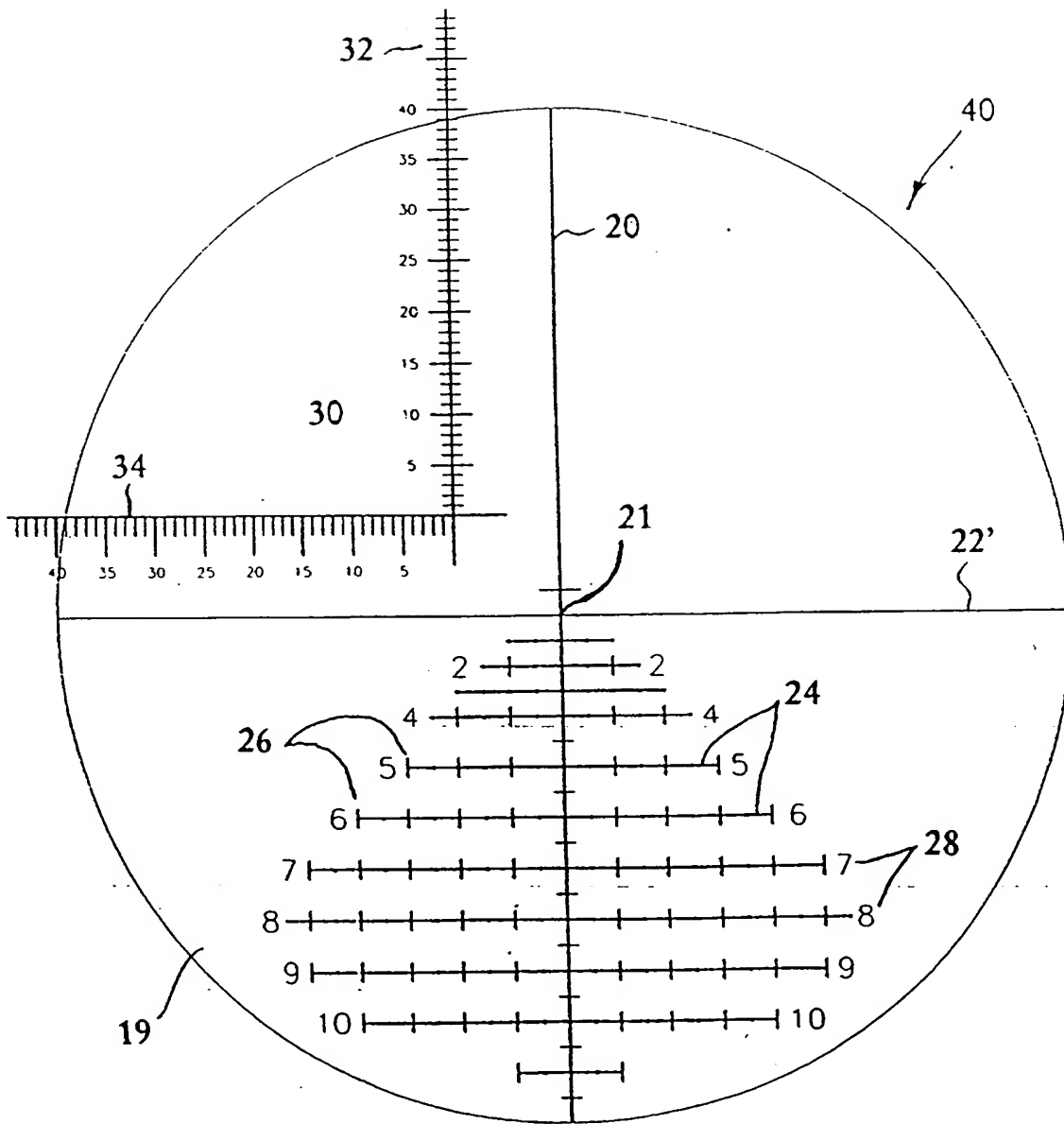


Fig. 10

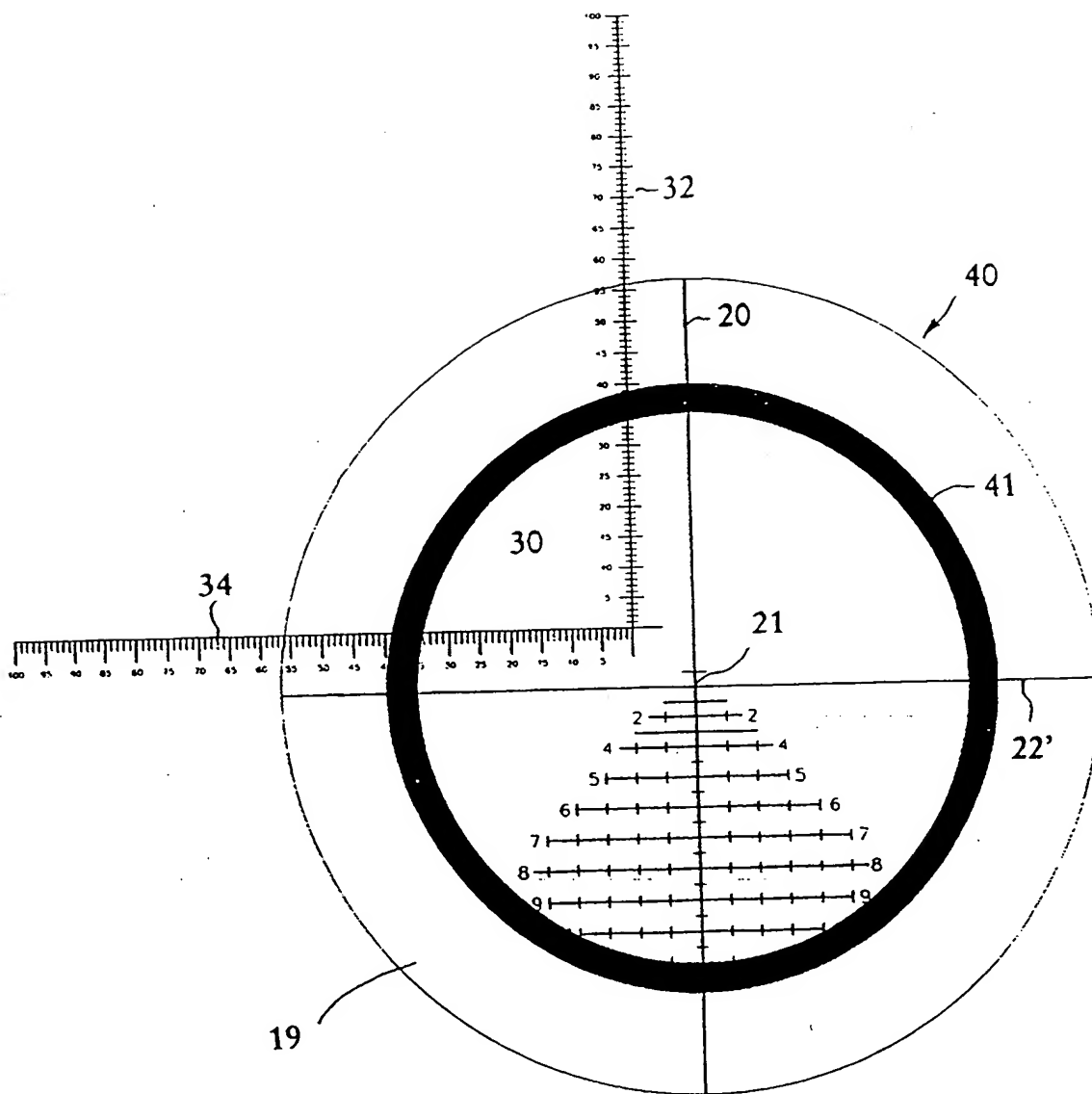


Fig. 11

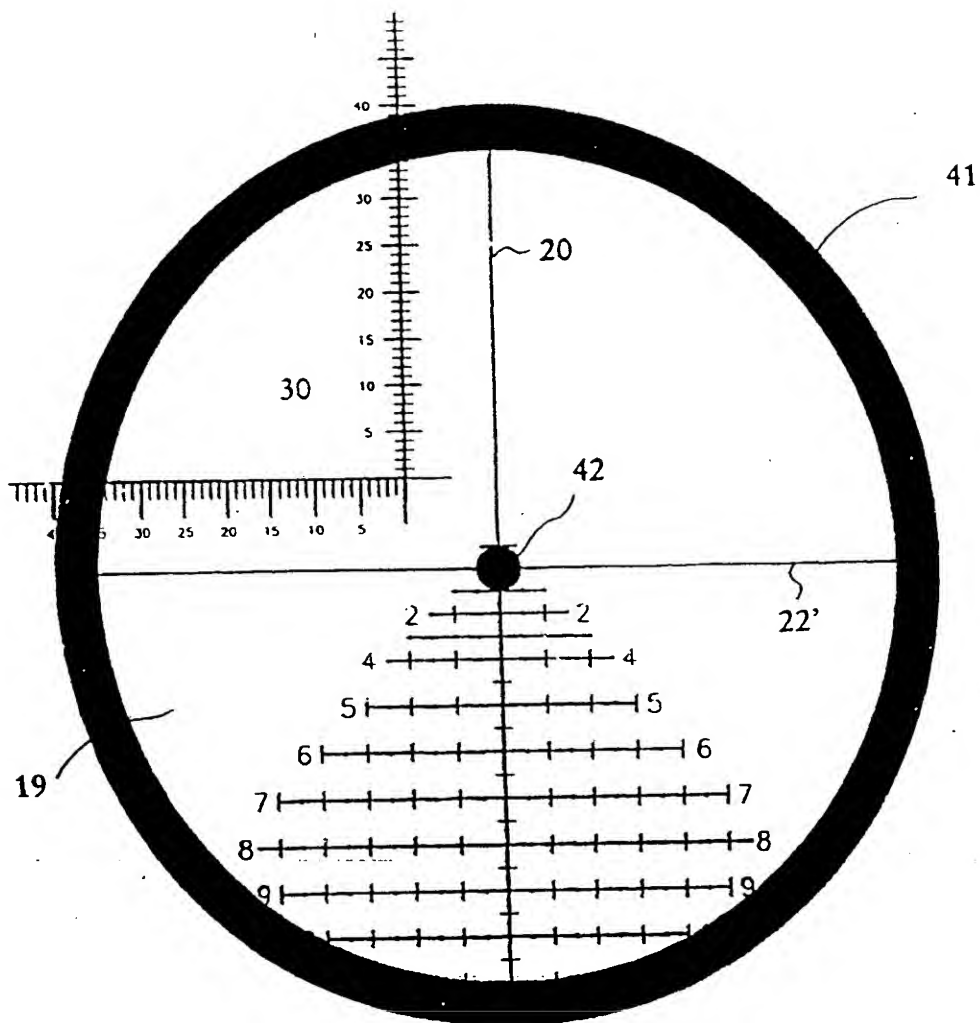


Fig. 12

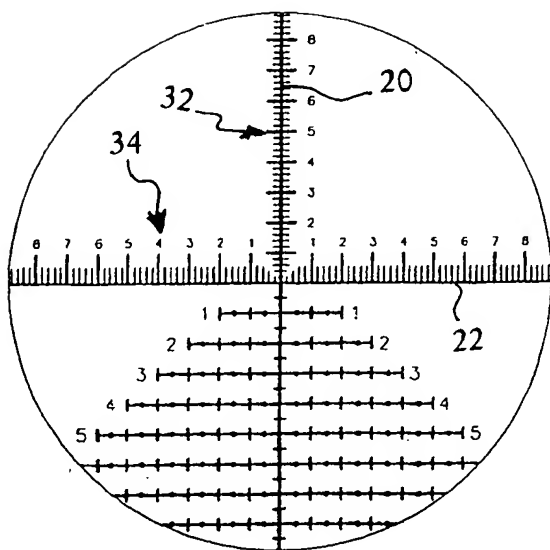


FIG 13

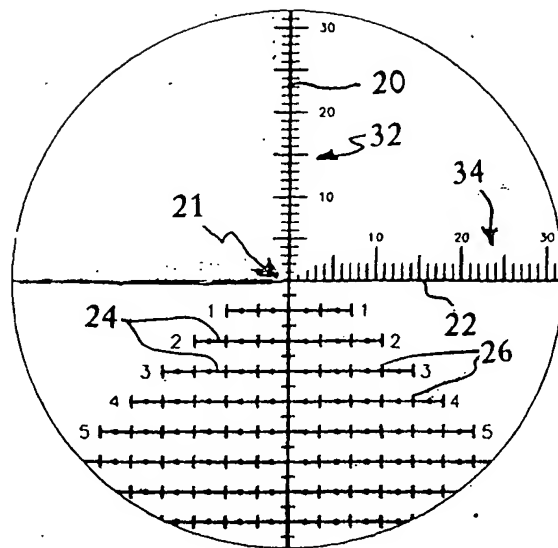


FIG 14

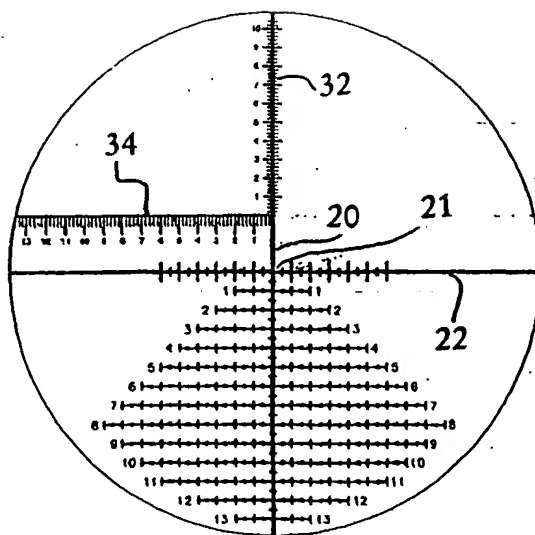


FIG 15

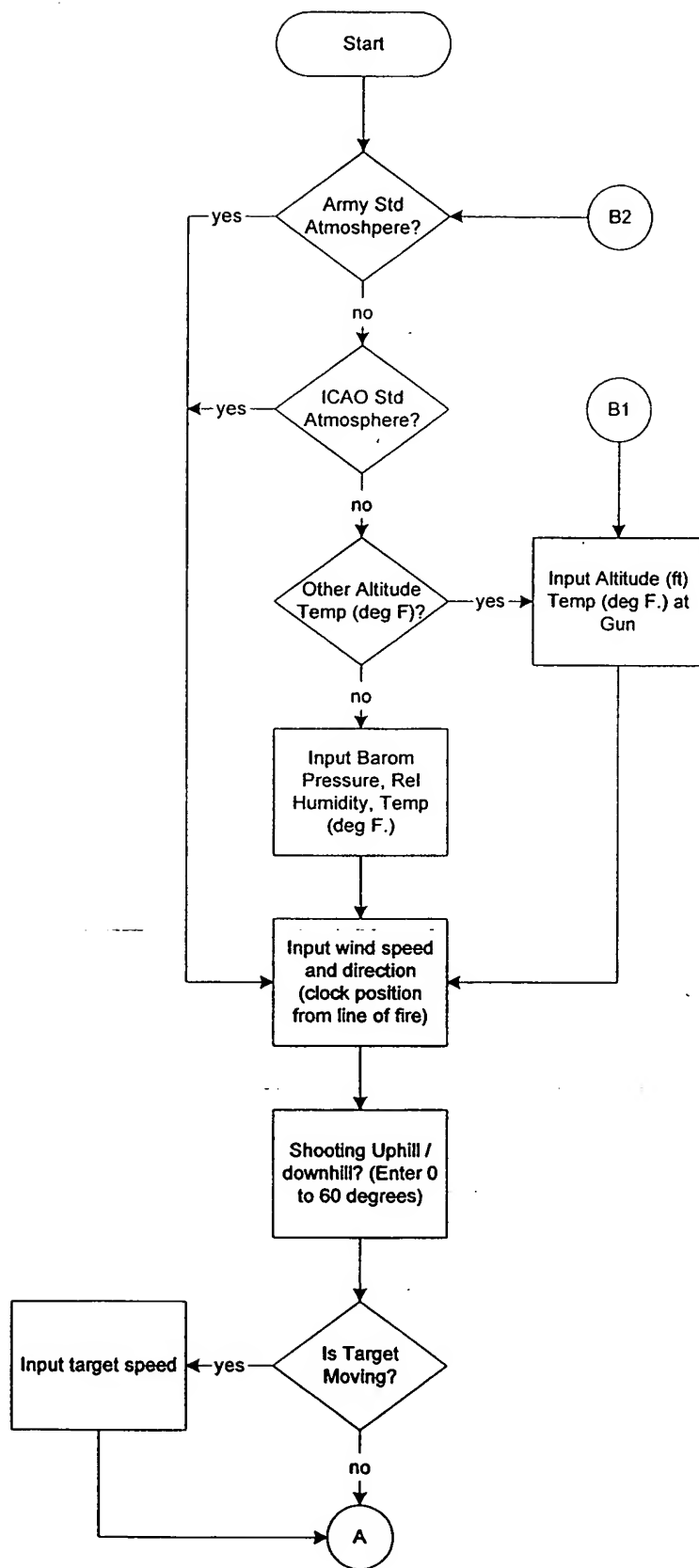
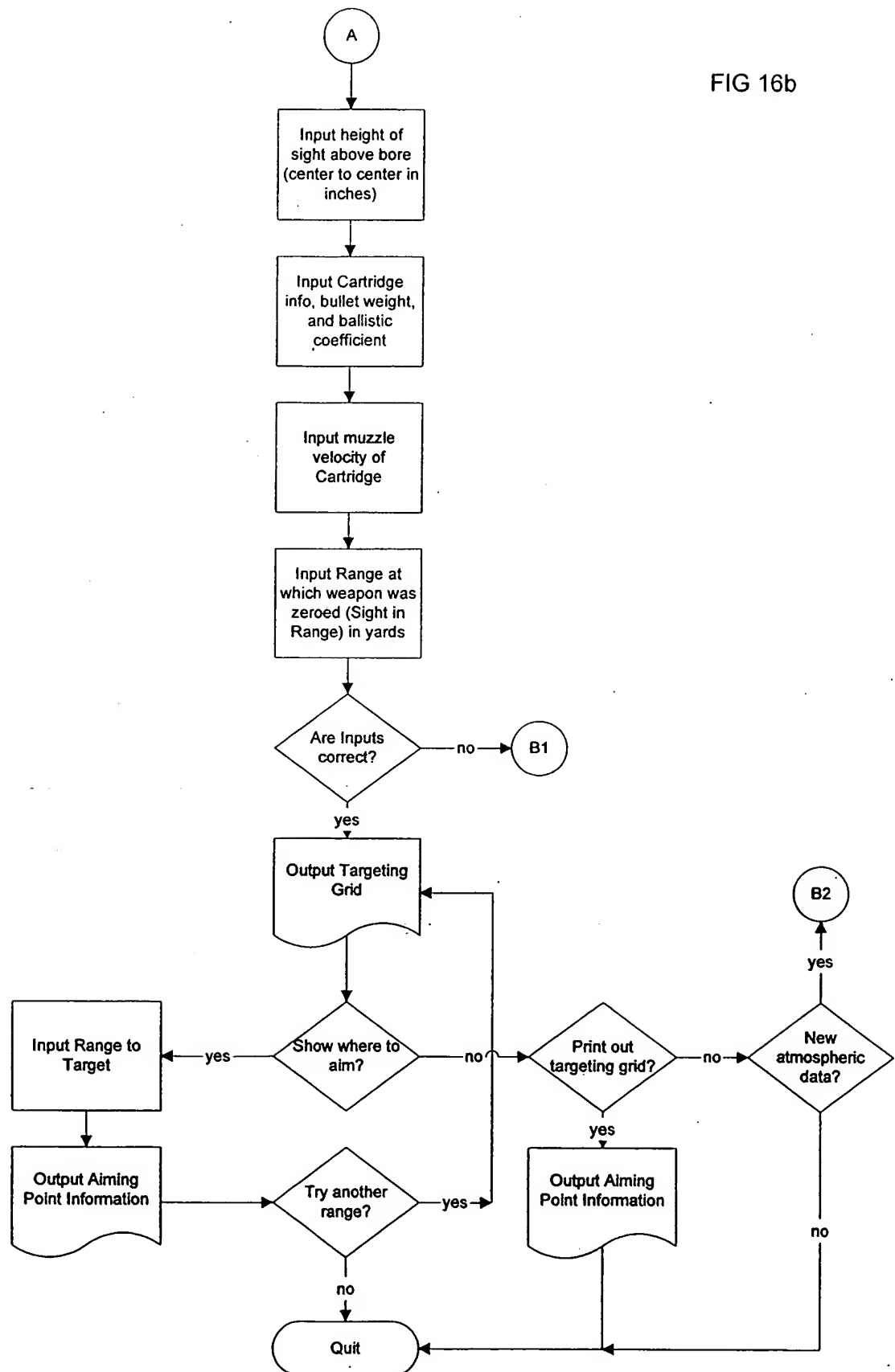


FIG 16a

FIG 16b



Targeting Grid  
Formatted in Mils

.300 Win Mag Federal Gold  
Medal

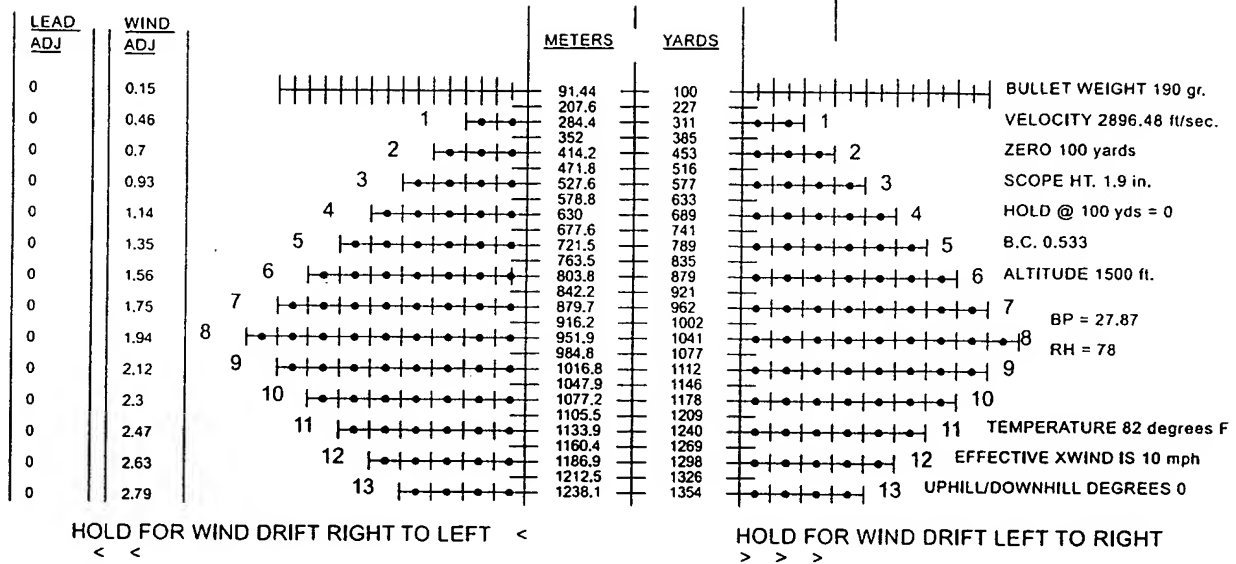


FIG. 17A

Targeting Grid  
Formatted in Mils

.300 Win Mag Federal Gold  
Medal

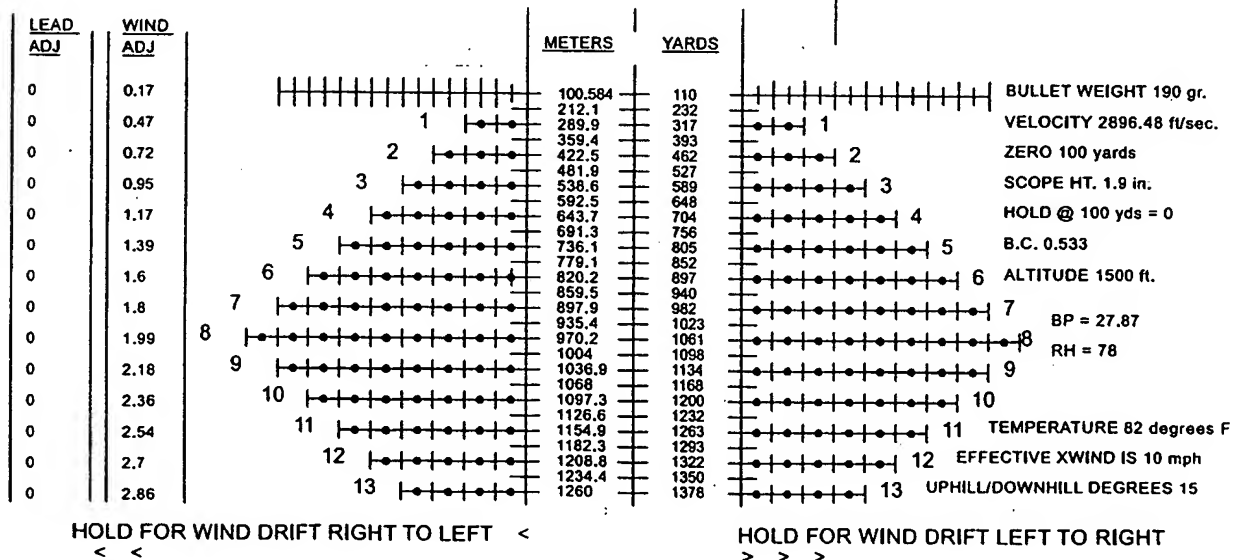


FIG. 17B

Targeting Grid  
Formatted in Mils

LEAD ADJ	WIND ADJ
2.04	0.15
2.17	0.46
2.26	0.7
2.35	0.93
2.44	1.14
2.52	1.35
2.61	1.56
2.68	1.75
2.76	1.94
2.83	2.12
2.9	2.3
2.97	2.47
3.04	2.63
3.1	2.79

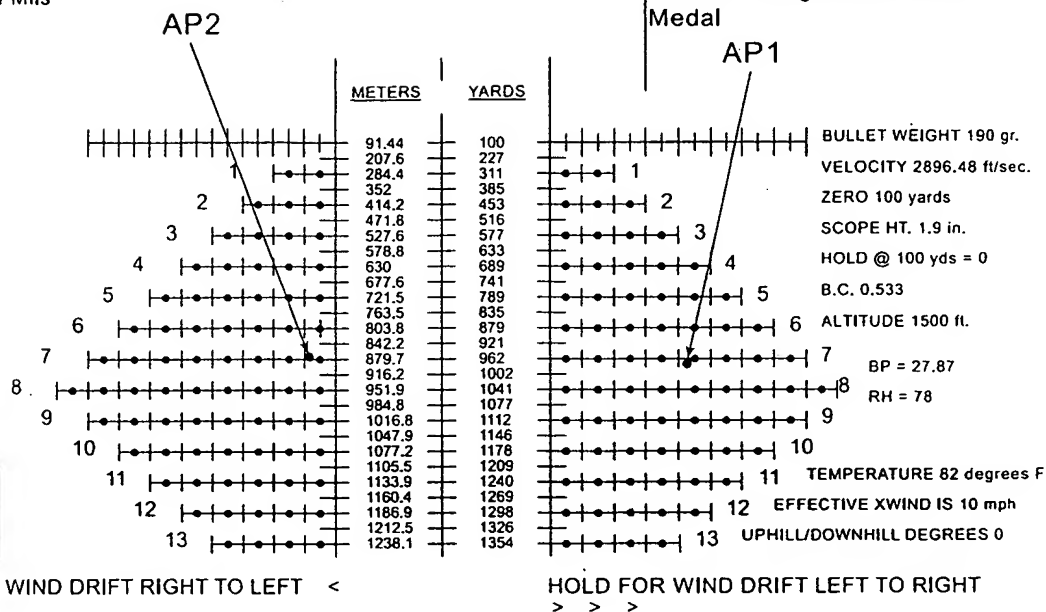


FIG. 17C

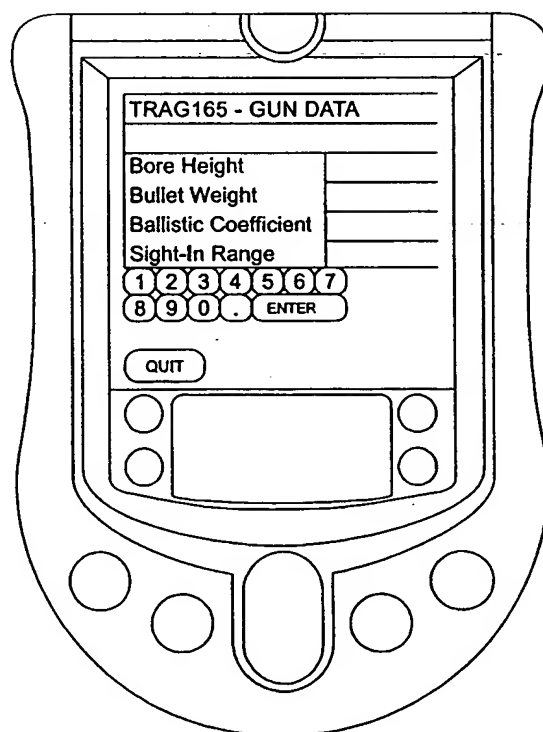


FIG. 18A



+

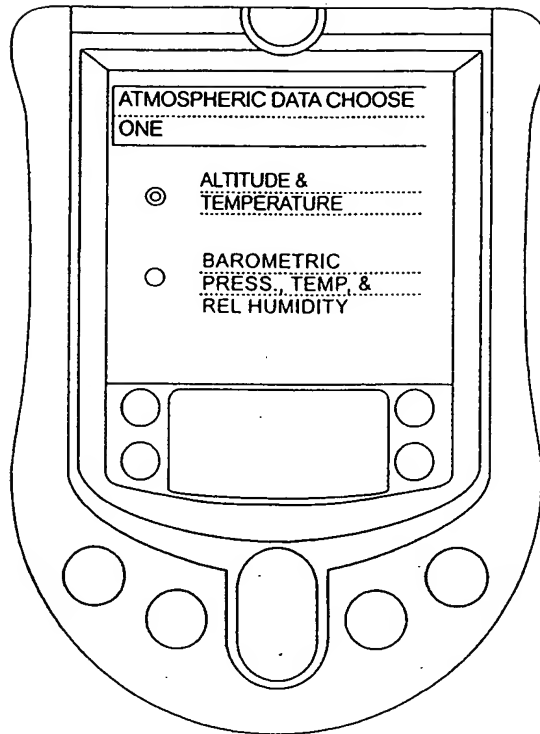


FIG. 18B

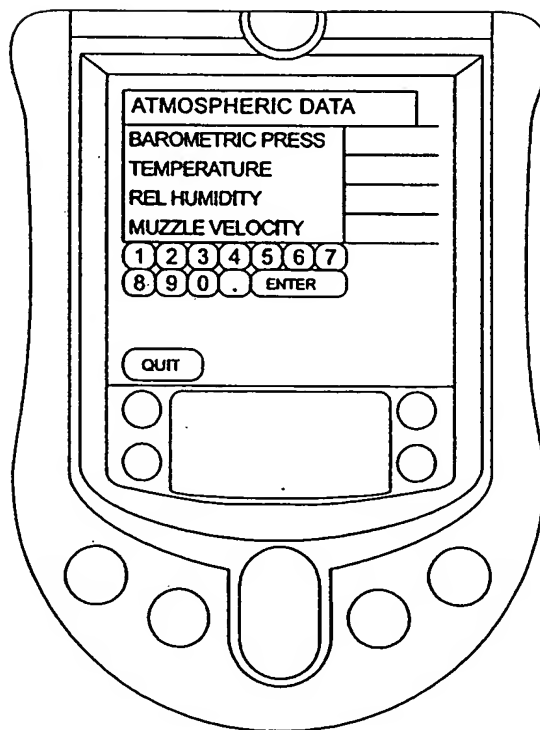


FIG. 18C

+

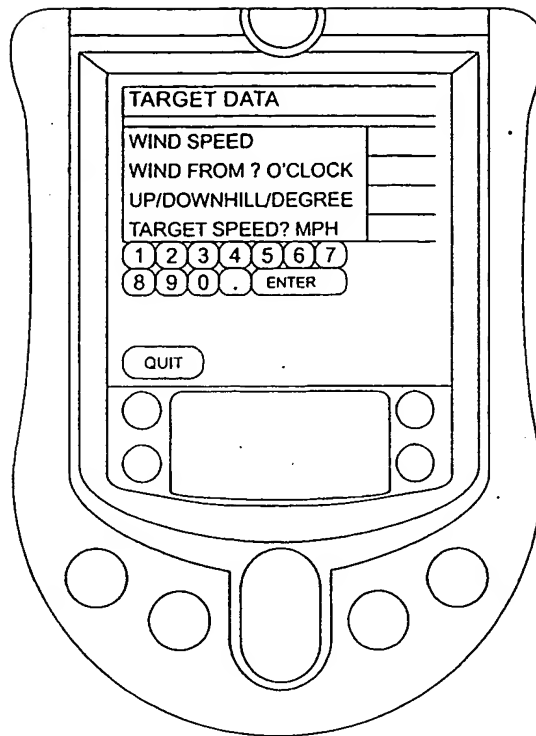


FIG. 18D

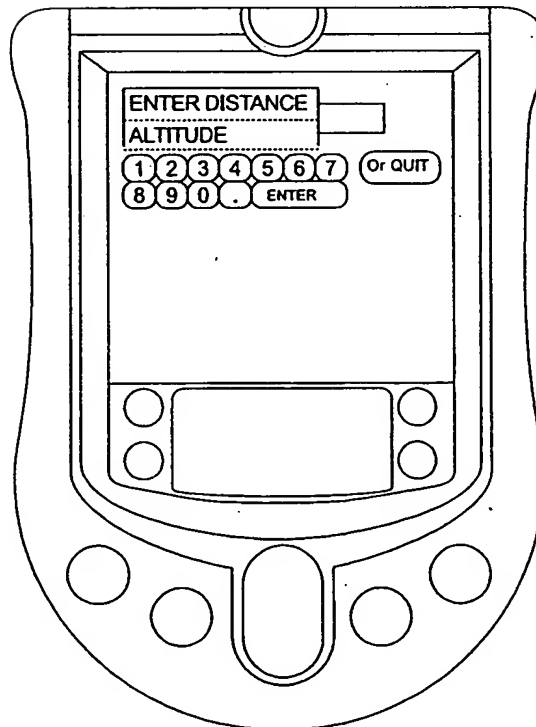


FIG. 18E

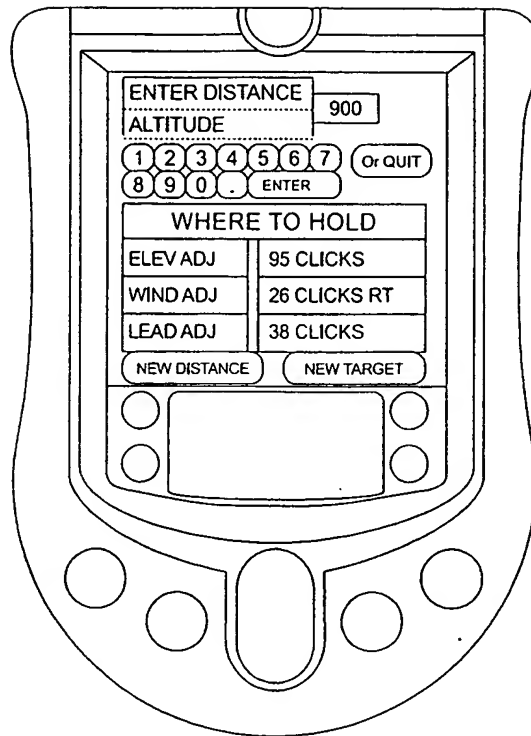


FIG. 18F

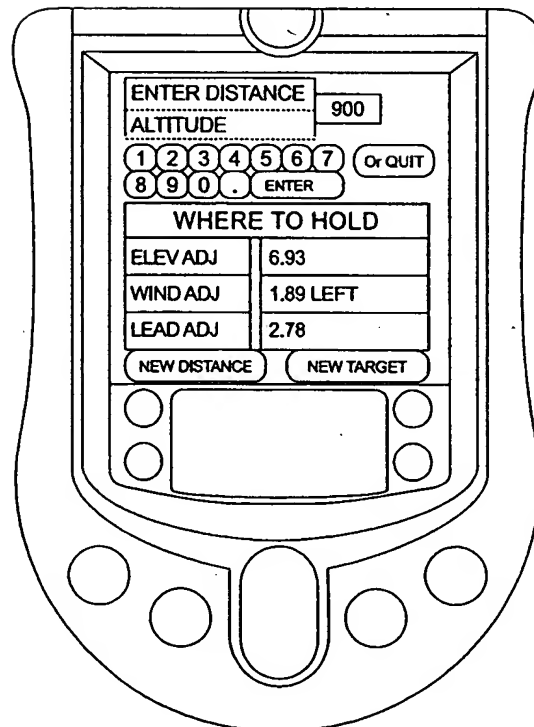


FIG. 18G

<b>Atrag1P</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Gun</th><th>Atmsphr</th><th>Target</th></tr> </thead> <tbody> <tr> <td>BH 1.9</td><td></td><td>WS 2</td></tr> <tr> <td>BWt 190</td><td>Tmp 59</td><td>WD 4</td></tr> <tr> <td>C1 0.533</td><td>BP 29.43</td><td>IR 11</td></tr> <tr> <td>MV 2900</td><td>RH 78</td><td>TS 2L</td></tr> <tr> <td>ZR 100</td><td></td><td>TR 1000</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Abs</th></tr> </thead> <tbody> <tr> <td>Elev</td><td>8.2</td></tr> <tr> <td>Wind</td><td>0.4L</td></tr> <tr> <td>Lead</td><td>1.4R</td></tr> </tbody> </table> <div style="border: 1px solid black; padding: 2px;">Quit</div> ▾ Horus	Gun	Atmsphr	Target	BH 1.9		WS 2	BWt 190	Tmp 59	WD 4	C1 0.533	BP 29.43	IR 11	MV 2900	RH 78	TS 2L	ZR 100		TR 1000	Abs		Elev	8.2	Wind	0.4L	Lead	1.4R	<b>Atrag2P</b> <span style="float: right;">E M RangeCard</span> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Gun</th><th>Atmsphr</th><th>Target</th></tr> </thead> <tbody> <tr> <td>BH 1.9</td><td></td><td>WS 3</td></tr> <tr> <td>BWt 190</td><td>Tmp 59</td><td>WD 4</td></tr> <tr> <td>C1 0.533</td><td>BP 29.43</td><td>IR 11</td></tr> <tr> <td>(MV) 2900</td><td>RH 78</td><td>TS 4L</td></tr> <tr> <td>ZR 100</td><td></td><td>(TR) 1000</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th><th>Abs</th><th>Rel</th><th>Cur</th></tr> </thead> <tbody> <tr> <td>Elev</td><td>112U</td><td>112U</td><td>0</td></tr> <tr> <td>Wind</td><td>8R</td><td>8R</td><td>0</td></tr> <tr> <td>Lead</td><td>40L</td><td>40L</td><td>0</td></tr> </tbody> </table> <div style="border: 1px solid black; padding: 2px;">Quit</div> ▾ Clicks (4) Reset Update	Gun	Atmsphr	Target	BH 1.9		WS 3	BWt 190	Tmp 59	WD 4	C1 0.533	BP 29.43	IR 11	(MV) 2900	RH 78	TS 4L	ZR 100		(TR) 1000		Abs	Rel	Cur	Elev	112U	112U	0	Wind	8R	8R	0	Lead	40L	40L	0	<b>Range Card</b> <span style="float: right;">Setup Main</span> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Range</th><th>Elev</th><th>Wind</th><th>Lead</th></tr> </thead> <tbody> <tr><td>275</td><td>11.0</td><td>2.0</td><td>30.0</td></tr> <tr><td>300</td><td>13.0</td><td>2.0</td><td>31.0</td></tr> <tr><td>325</td><td>16.0</td><td>2.0</td><td>31.0</td></tr> <tr><td>350</td><td>18.0</td><td>2.0</td><td>31.0</td></tr> <tr><td>375</td><td>21.0</td><td>2.0</td><td>31.0</td></tr> <tr><td>400</td><td>23.0</td><td>3.0</td><td>32.0</td></tr> <tr><td>425</td><td>26.0</td><td>3.0</td><td>32.0</td></tr> <tr><td>450</td><td>29.0</td><td>3.0</td><td>32.0</td></tr> <tr><td>475</td><td>31.0</td><td>3.0</td><td>33.0</td></tr> <tr><td>500</td><td>34.0</td><td>3.0</td><td>33.0</td></tr> <tr><td>525</td><td>37.0</td><td>3.0</td><td>33.0</td></tr> <tr><td>550</td><td>40.0</td><td>4.0</td><td>33.0</td></tr> </tbody> </table>	Range	Elev	Wind	Lead	275	11.0	2.0	30.0	300	13.0	2.0	31.0	325	16.0	2.0	31.0	350	18.0	2.0	31.0	375	21.0	2.0	31.0	400	23.0	3.0	32.0	425	26.0	3.0	32.0	450	29.0	3.0	32.0	475	31.0	3.0	33.0	500	34.0	3.0	33.0	525	37.0	3.0	33.0	550	40.0	4.0	33.0
Gun	Atmsphr	Target																																																																																																																
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Elev	112U	112U	0																																																																																																															
Wind	8R	8R	0																																																																																																															
Lead	40L	40L	0																																																																																																															
Range	Elev	Wind	Lead																																																																																																															
275	11.0	2.0	30.0																																																																																																															
300	13.0	2.0	31.0																																																																																																															
325	16.0	2.0	31.0																																																																																																															
350	18.0	2.0	31.0																																																																																																															
375	21.0	2.0	31.0																																																																																																															
400	23.0	3.0	32.0																																																																																																															
425	26.0	3.0	32.0																																																																																																															
450	29.0	3.0	32.0																																																																																																															
475	31.0	3.0	33.0																																																																																																															
500	34.0	3.0	33.0																																																																																																															
525	37.0	3.0	33.0																																																																																																															
550	40.0	4.0	33.0																																																																																																															
<b>Atmospheric Conditions</b> Calc Method <span style="border: 1px solid black; padding: 0 5px;">AT</span> <span style="border: 1px solid black; padding: 0 5px;">TBH</span>  Temperature (F) <span style="border: 1px solid black; padding: 0 10px;">59</span> Barom. Pres. (in.mrc.) <span style="border: 1px solid black; padding: 0 10px;">29.43</span> Relative Humidity (%) <span style="border: 1px solid black; padding: 0 10px;">78</span>  Don't forget about the Decimal <div style="display: flex; justify-content: space-between; align-items: center;"> <div>1 2 3 4 5 6 7 8 9 0 .</div> <div>Done Cancel Prev Next</div> </div>	<b>Gun Information</b> Bore Height (inches) <span style="border: 1px solid black; padding: 0 10px;">1.9</span> Bullet Weight (grains) <span style="border: 1px solid black; padding: 0 10px;">190</span> C1 Coefficient <span style="border: 1px solid black; padding: 0 10px;">0.533</span> Muzzle Velocity (fps) <span style="border: 1px solid black; padding: 0 10px;">2900</span> Zero Range (yards) <span style="border: 1px solid black; padding: 0 10px;">100</span>  Don't forget about the Decimal <div style="display: flex; justify-content: space-between; align-items: center;"> <div>1 2 3 4 5 6 7 8 9 0 .</div> <div>Done Cancel Prev Next</div> </div>	<b>Target</b> Wind Speed (mph) <span style="border: 1px solid black; padding: 0 10px;">2</span> Wind Direction (clock) <span style="border: 1px solid black; padding: 0 10px;">4</span> Inclination Angle <span style="border: 1px solid black; padding: 0 10px;">11</span> Target Speed (mph) <span style="border: 1px solid black; padding: 0 10px;">◀ 2</span> Target Range (yards) <span style="border: 1px solid black; padding: 0 10px;">1000</span>  <div style="display: flex; justify-content: space-between; align-items: center;"> <div>1 2 3 4 5 6 7 8 9 0 .</div> <div>Done Cancel Prev Next</div> </div>																																																																																																																
<b>Mil Dot Range Finder</b> When using WIDTH to size a target, Up/Dwn Angle does not effect range calculation but will effect bullet drop.  Using Target <span style="border: 1px solid black; padding: 0 5px;">Height</span> <span style="border: 1px solid black; padding: 0 5px;">Width</span> Target Size <span style="border: 1px solid black; padding: 0 10px;">36</span> in ft cm M MILs <span style="border: 1px solid black; padding: 0 10px;">1</span> Angle <span style="border: 1px solid black; padding: 0 10px;">11</span> Range <span style="border: 1px solid black; padding: 0 10px;">982</span> Y M <div style="display: flex; justify-content: space-between; align-items: center;"> <div>1 2 3 4 5 6 7 8 9 0 .</div> <div>Done Cancel Prev Next</div> </div>	<b>Range Calc</b> When using WIDTH to size a target, Up/Dwn Angle does not effect range calculation but will effect bullet drop.  Using Target <span style="border: 1px solid black; padding: 0 5px;">Height</span> <span style="border: 1px solid black; padding: 0 5px;">Width</span> Target Size <span style="border: 1px solid black; padding: 0 10px;">in</span> ft cm M Ticks <span style="border: 1px solid black; padding: 0 10px;">mil</span> in moa Angle <span style="border: 1px solid black; padding: 0 10px;">Y M</span> Range <span style="border: 1px solid black; padding: 0 10px;">Y M</span> <div style="display: flex; justify-content: space-between; align-items: center;"> <div>1 2 3 4 5 6 7 8 9 0 .</div> <div>Done Cancel Prev Next</div> </div>	<b>Gun List</b> <span style="float: right;">i</span> <div style="border: 1px solid black; padding: 5px; min-height: 100px;">         SampleGun          WIN 308          WARBIRD          50 BMG          Custom Load          LarryGun       </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">         StoreAsNew          Modify Sel          Fetch Sel          Delete Sel          Cancel       </div> <div style="text-align: center; margin-top: 10px;">         ◀          ▶       </div>																																																																																																																
<b>SampleGun01</b> <span style="float: right;">D E M RngCard</span> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Gun</th><th>Atmsphr</th><th>Target</th></tr> </thead> <tbody> <tr> <td>BH 1.9</td><td></td><td>WS 5</td></tr> <tr> <td>BWt 190</td><td>Tmp 59</td><td>WD 8</td></tr> <tr> <td>C1 0.533</td><td>BP 29.43</td><td>IR 0</td></tr> <tr> <td>(MV) 2900</td><td>RH 78</td><td>(TS) 0.0</td></tr> <tr> <td>ZR 100</td><td></td><td>(TR) 1800</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th><th>Hold</th><th>Cor</th><th>Spin</th></tr> </thead> <tbody> <tr> <td>Elev</td><td>27.15</td><td>0.13D</td><td></td></tr> <tr> <td>Wind</td><td>1.18R</td><td>0.19L</td><td>0.71L</td></tr> <tr> <td>Lead</td><td>0.0</td><td></td><td></td></tr> </tbody> </table> <div style="border: 1px solid black; padding: 2px;">GunList</div> ▾ Horus <span style="margin-left: 20px;">Norm Adjs</span>	Gun	Atmsphr	Target	BH 1.9		WS 5	BWt 190	Tmp 59	WD 8	C1 0.533	BP 29.43	IR 0	(MV) 2900	RH 78	(TS) 0.0	ZR 100		(TR) 1800		Hold	Cor	Spin	Elev	27.15	0.13D		Wind	1.18R	0.19L	0.71L	Lead	0.0			<b>Target</b> Latitude <span style="border: 1px solid black; padding: 0 10px;">N 5</span> <span style="border: 1px solid black; padding: 0 10px;">33</span> Dir of fire from North <span style="border: 1px solid black; padding: 0 10px;">88</span> Wind Speed (mph) <span style="border: 1px solid black; padding: 0 10px;">10</span> Wind Direction (clock) <span style="border: 1px solid black; padding: 0 10px;">9</span> Inclination Angle <span style="border: 1px solid black; padding: 0 10px;">12</span> Target Speed (mph) <span style="border: 1px solid black; padding: 0 10px;">◀ 2</span> Target Range (yards) <span style="border: 1px solid black; padding: 0 10px;">2200</span> <div style="display: flex; justify-content: space-between; align-items: center;"> <div>1 2 3 4 5 6 7 8 9 0 .</div> <div>Done Cancel Prev Next</div> </div>	<b>Gun Information</b> Bore Height (inches) <span style="border: 1px solid black; padding: 0 10px;">1.9</span> Bullet Weight (grains) <span style="border: 1px solid black; padding: 0 10px;">190</span> Bullet Diam (inches) <span style="border: 1px solid black; padding: 0 10px;">0.5</span> <span style="margin-left: 5px;">calibr</span> C1 Coefficient <span style="border: 1px solid black; padding: 0 10px;">0.533</span> Rifle Twist (in/turn) <span style="border: 1px solid black; padding: 0 10px;">8</span> <span style="margin-left: 5px;">R L</span> Muzzle Velocity (fps) <span style="border: 1px solid black; padding: 0 10px;">2900</span> Zero Range (yards) <span style="border: 1px solid black; padding: 0 10px;">100</span> <div style="display: flex; justify-content: space-between; align-items: center;"> <div>1 2 3 4 5 6 7 8 9 0 .</div> <div>Done Cancel Prev Next</div> </div>																																																																														
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Lead	0.0																																																																																																																	

FIG. 18H

+

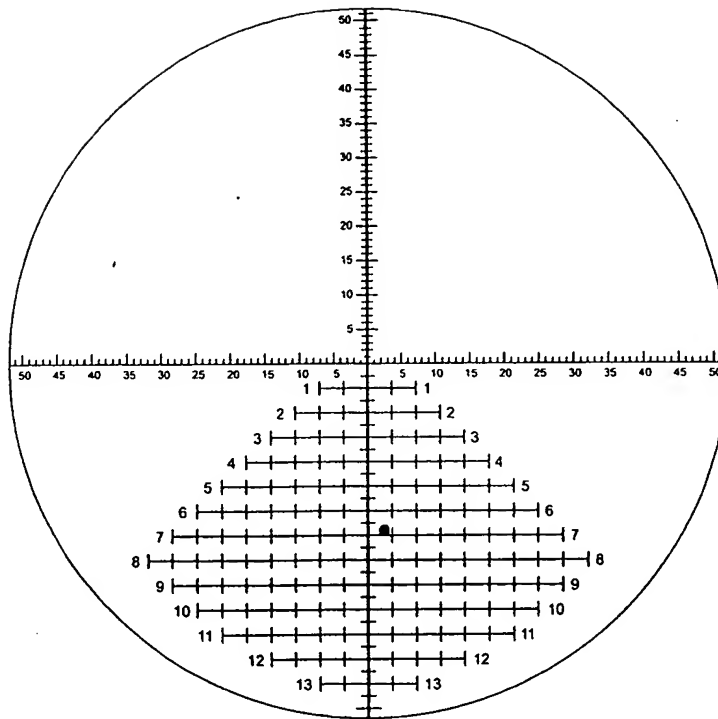


FIG. 19A

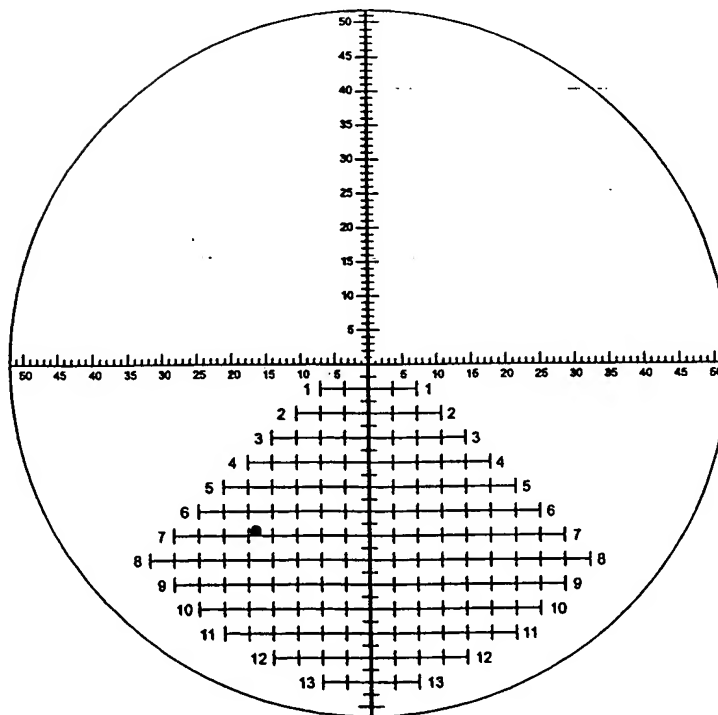


FIG. 19B

+

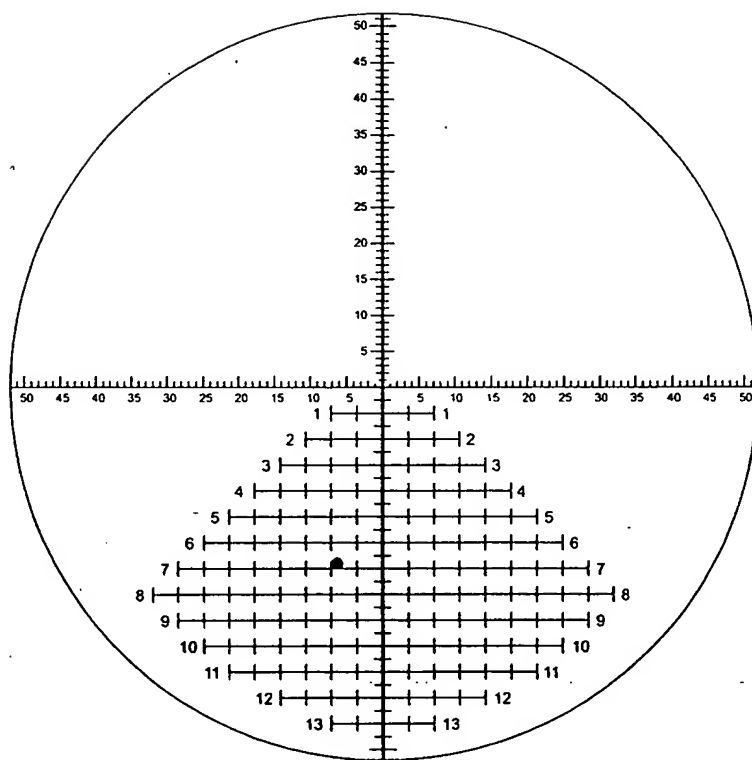


FIG. 19C

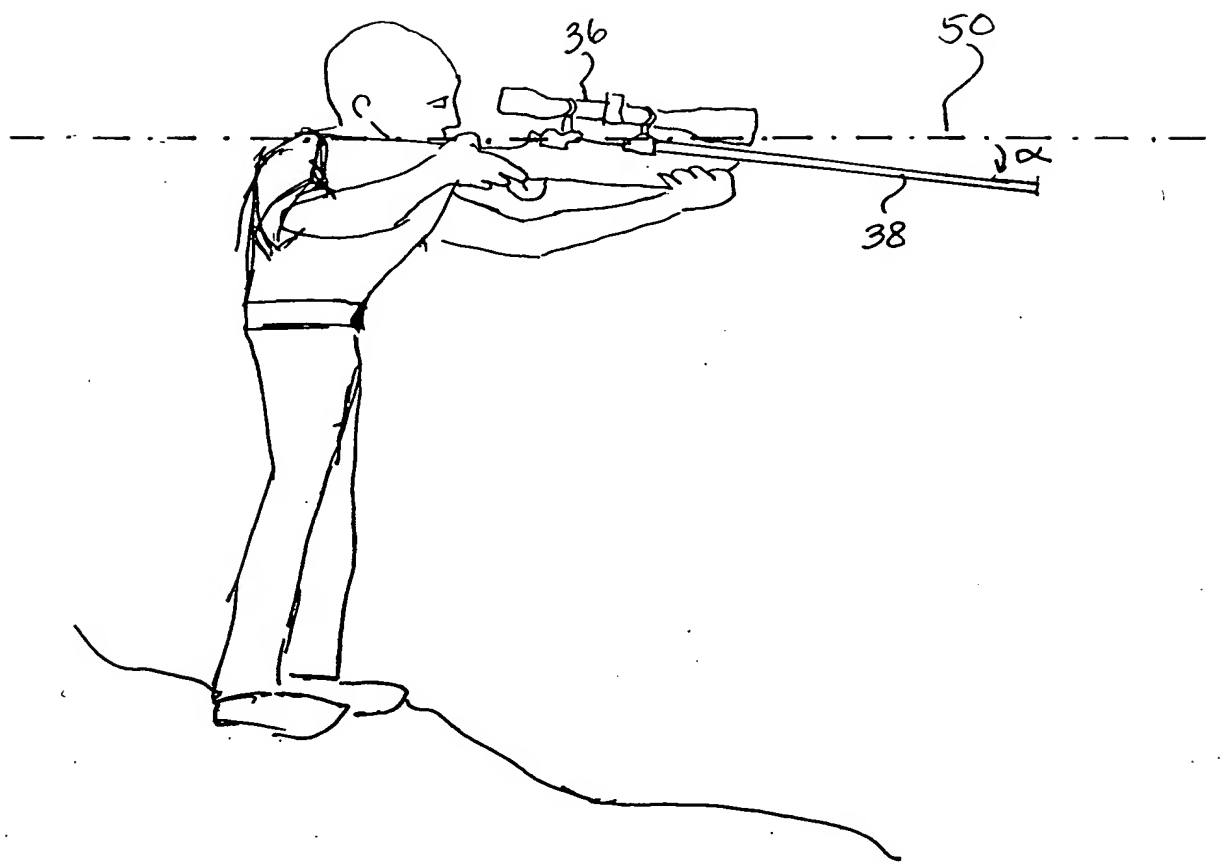


FIG. 20

FIG. 21

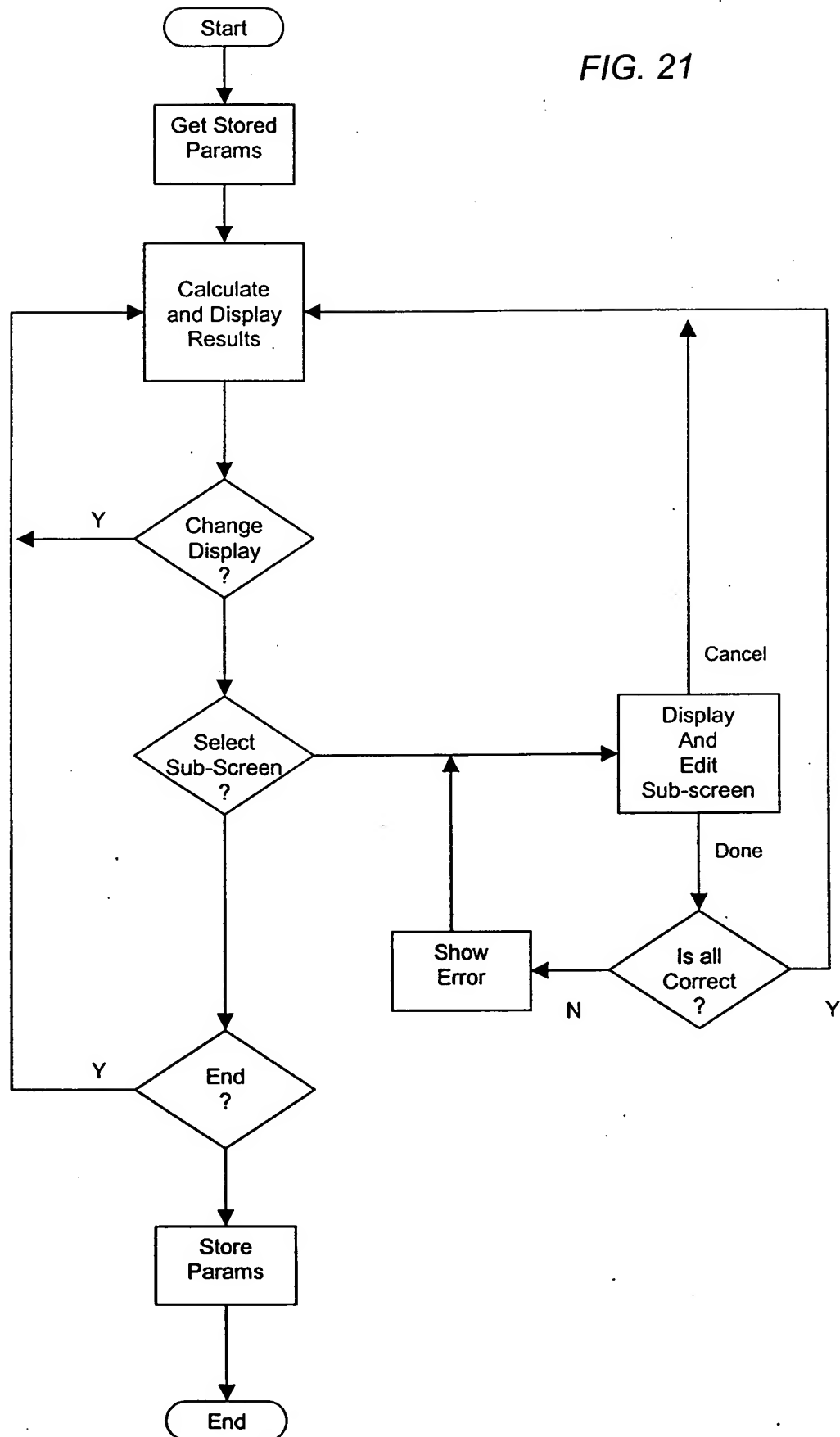
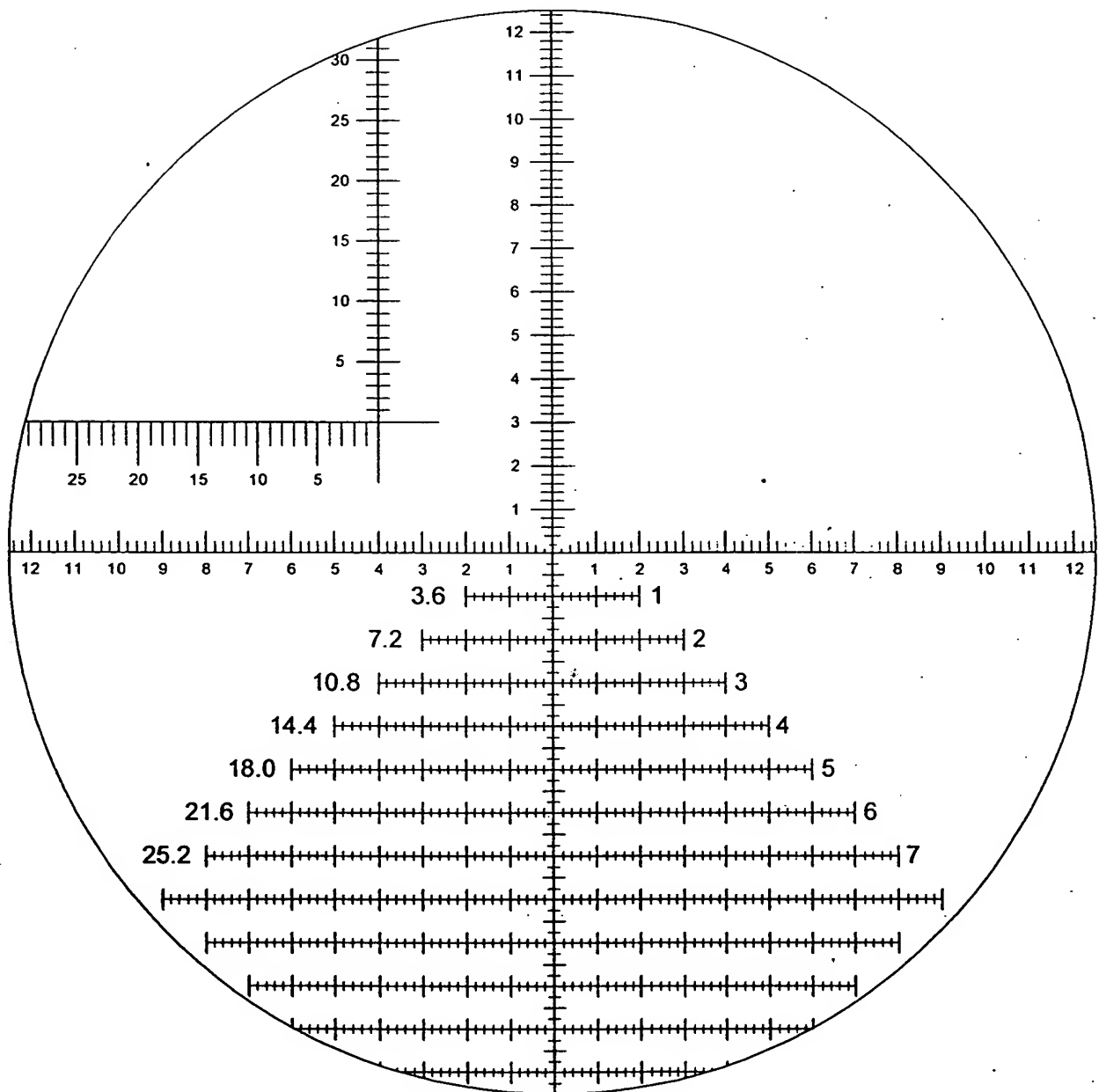




FIG. 22

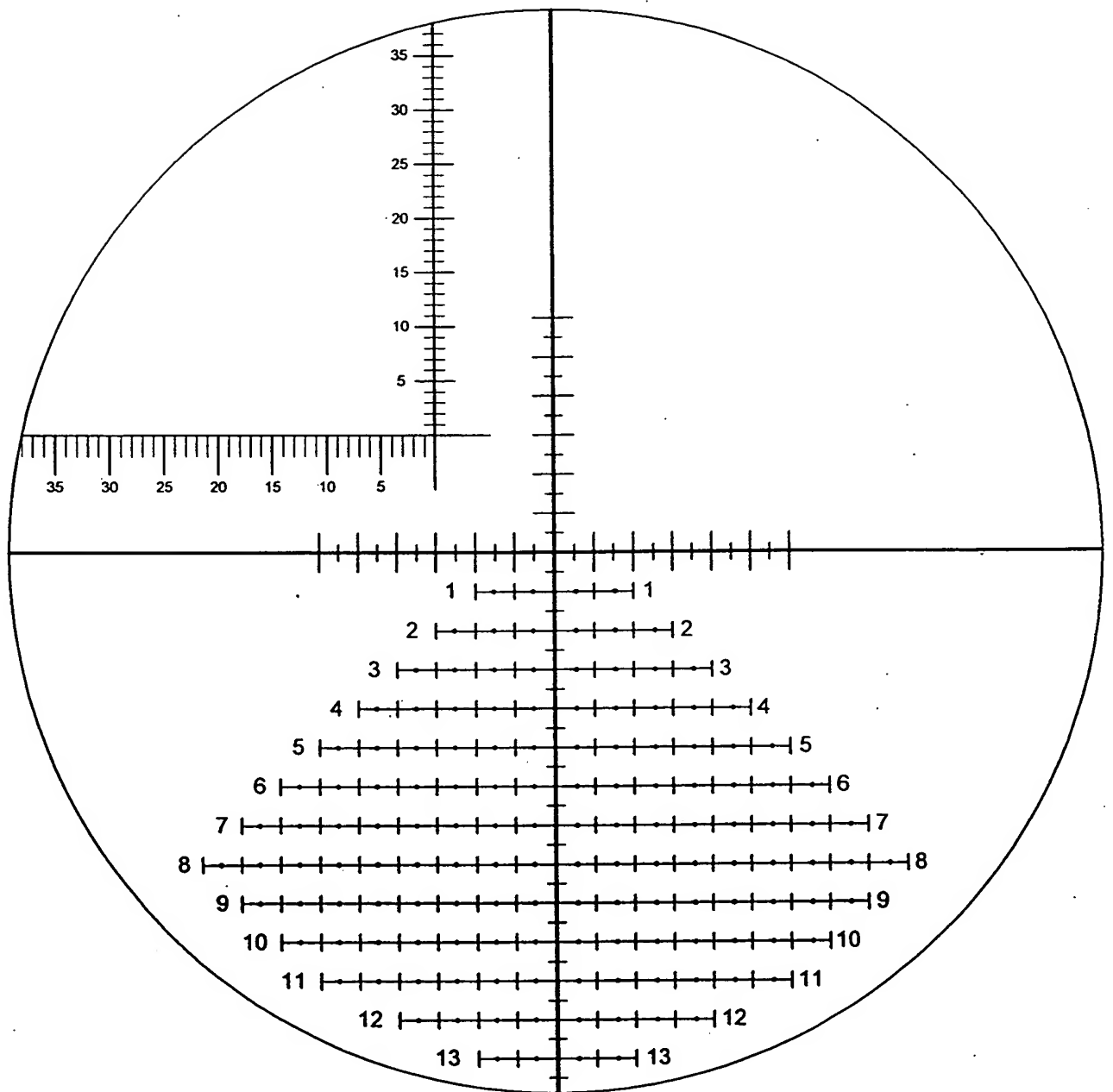


H-1

[illegible]

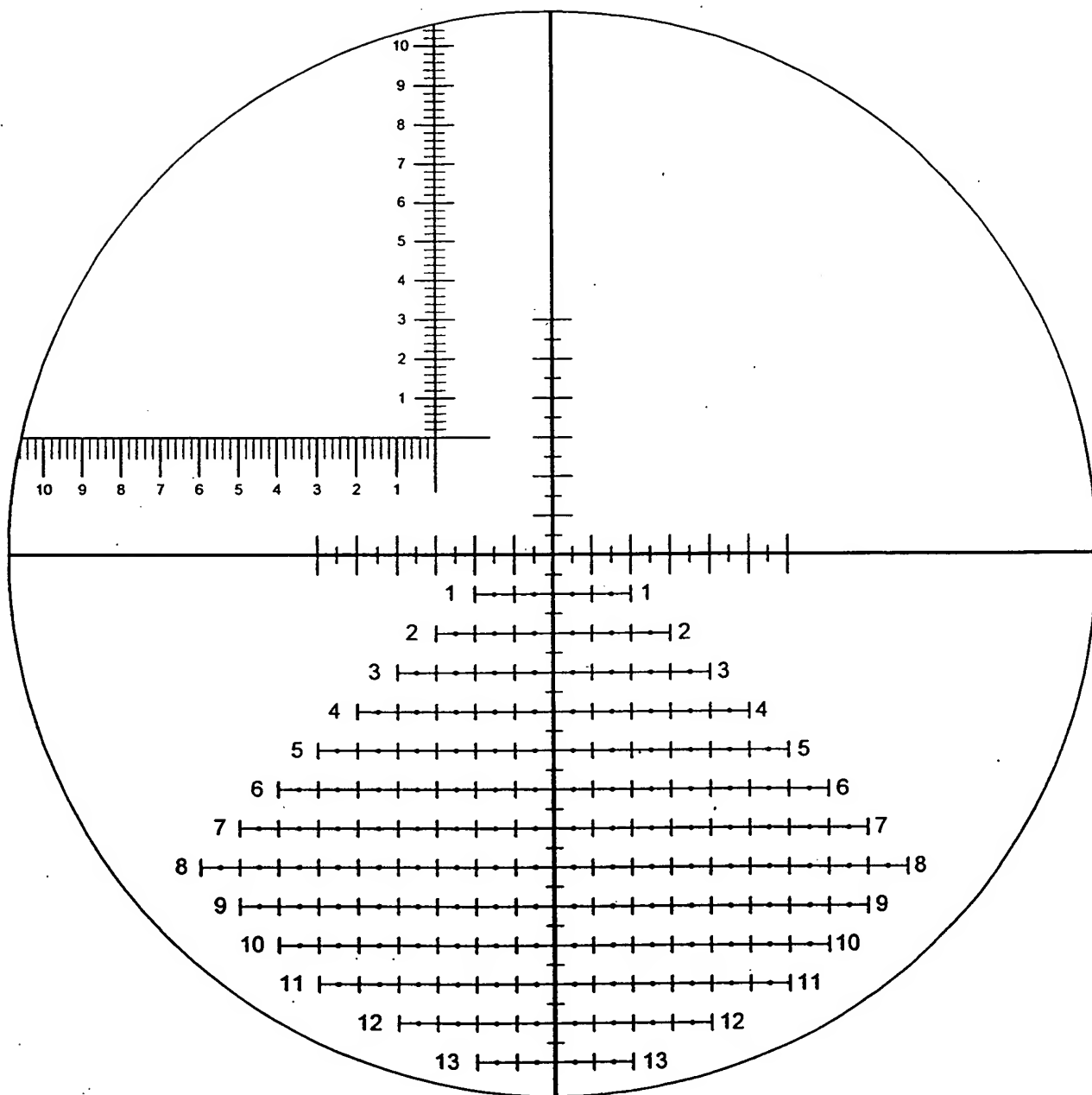
H-2

FIG. 24



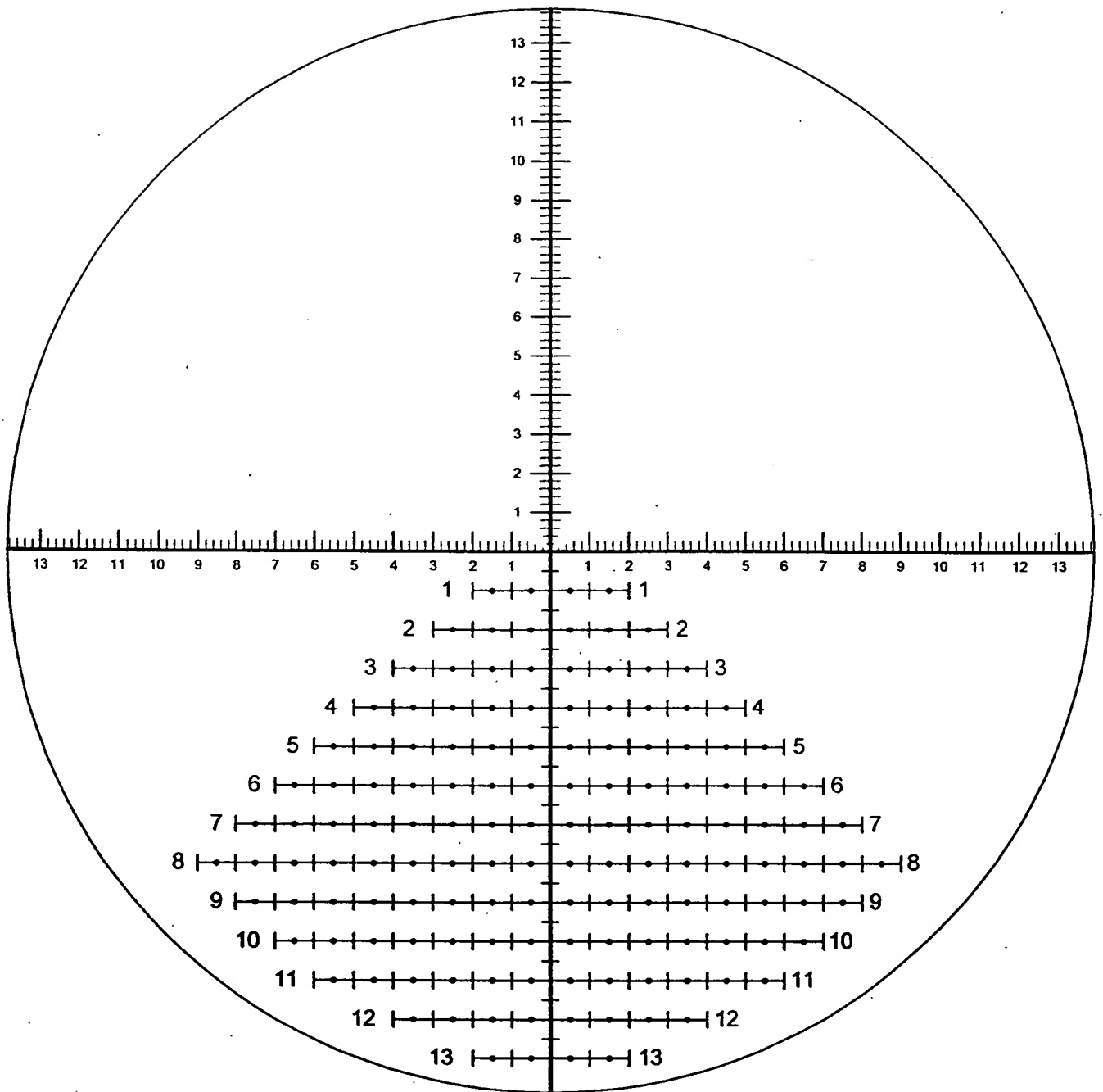
H-3

FIG. 25



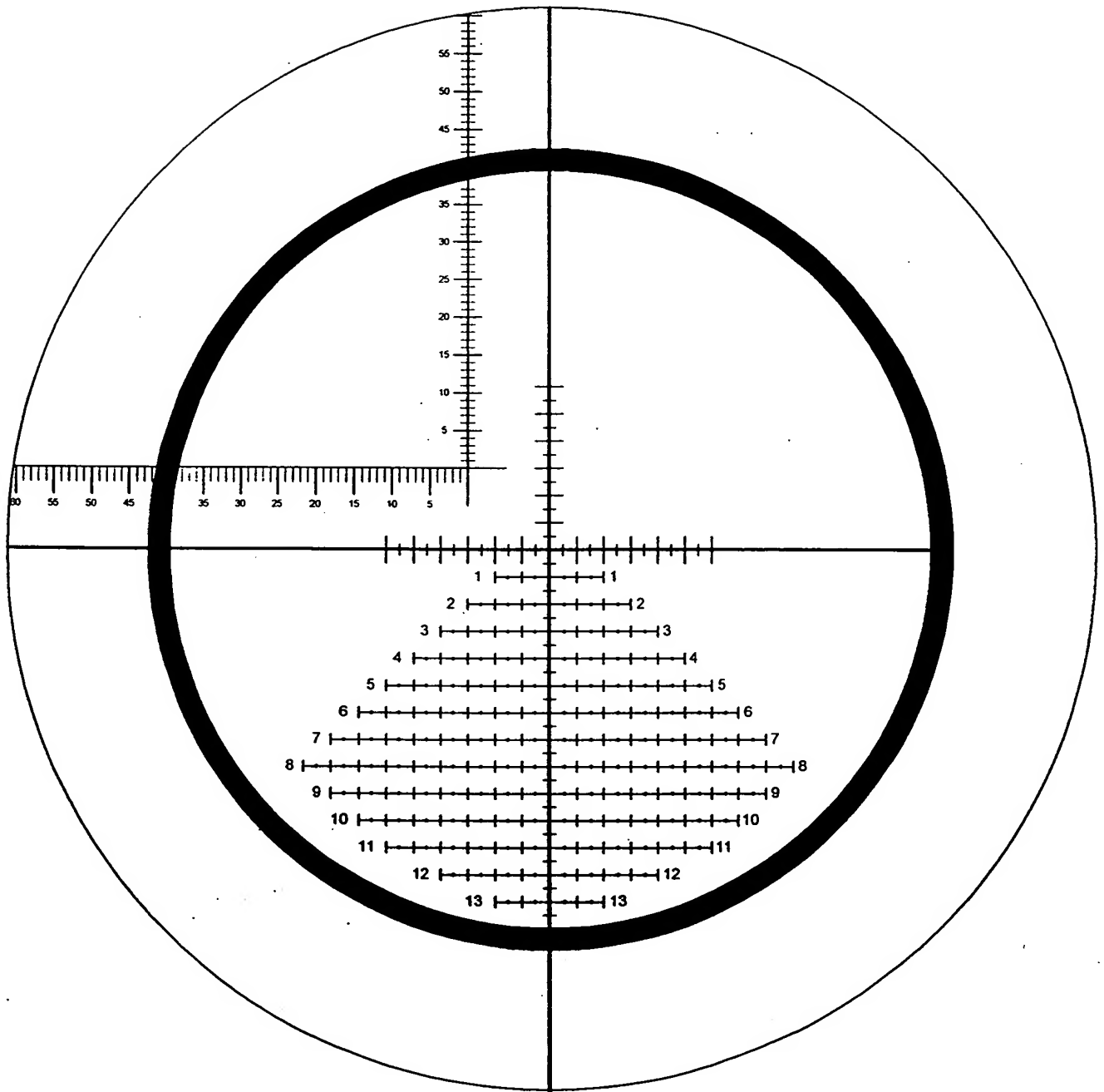
H-4

FIG. 26



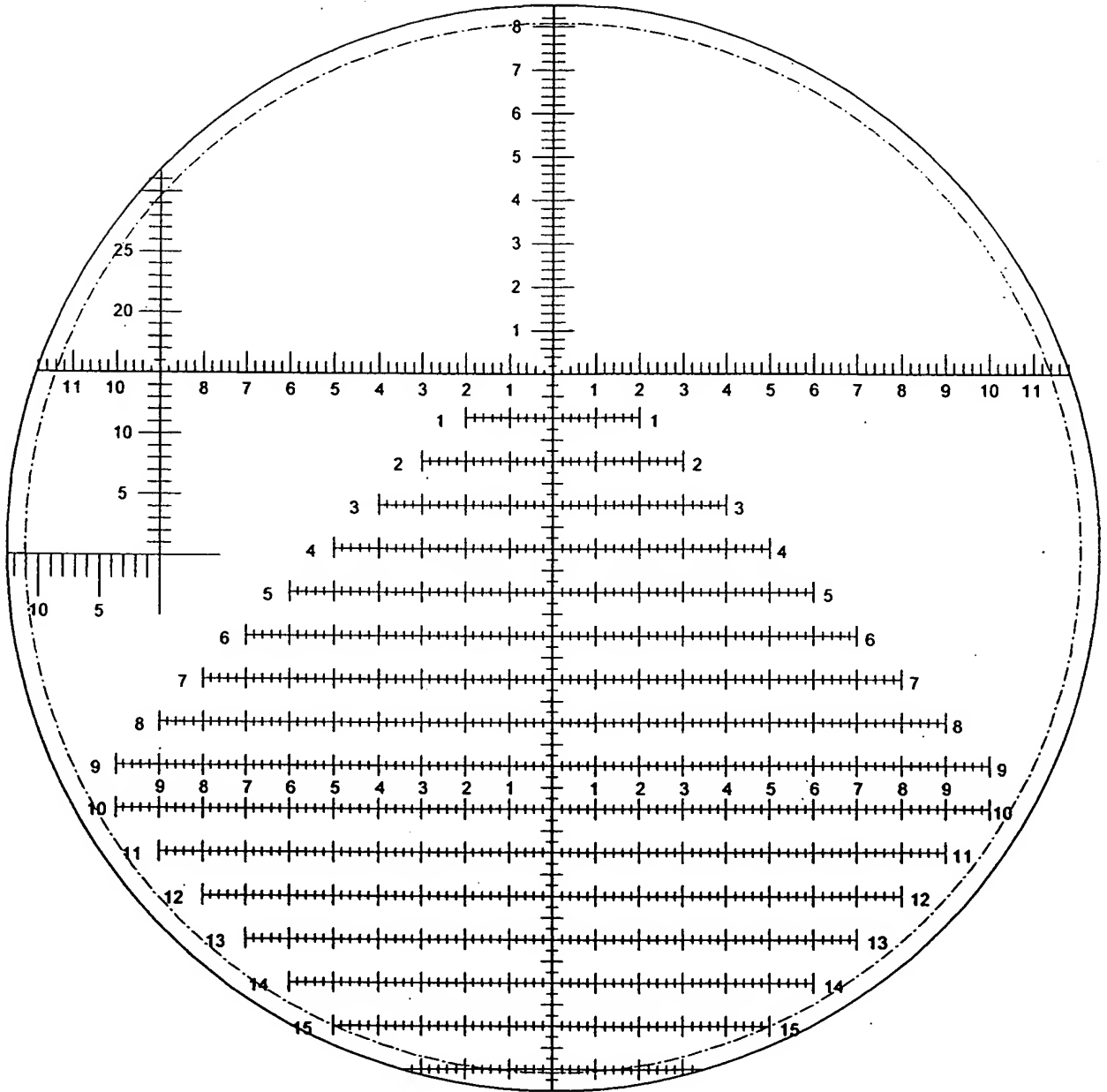
H-5

FIG. 27



H-6

FIG. 28



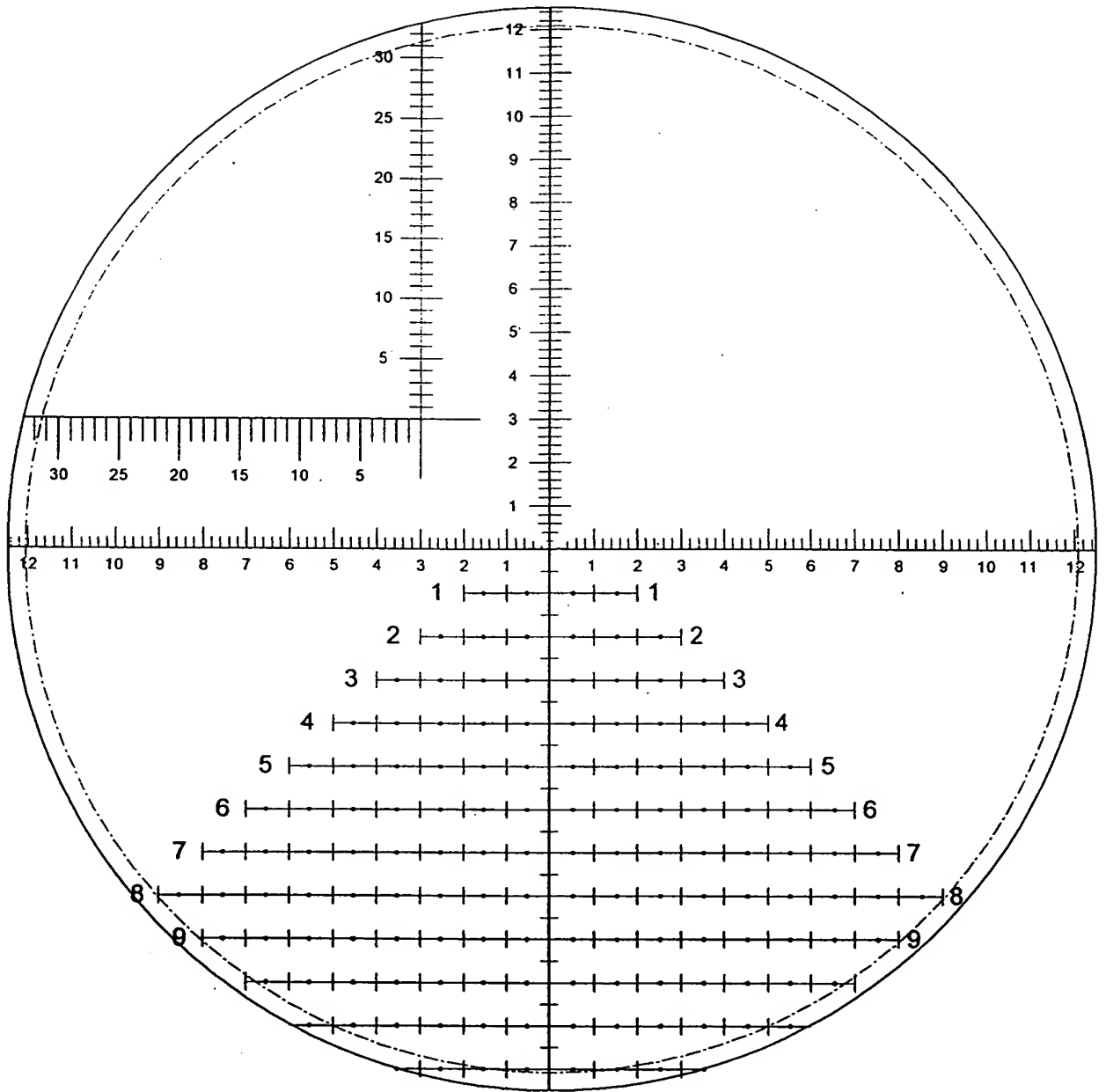
H-11

A circular slide rule with a vertical scale on the left and a horizontal scale on the top. The vertical scale is labeled 1 to 6. The horizontal scale is labeled 1 to 9. The circular scale has numbers 1 to 8 on the left and 1 to 8 on the right. The scale is marked with dots and lines.

H-12

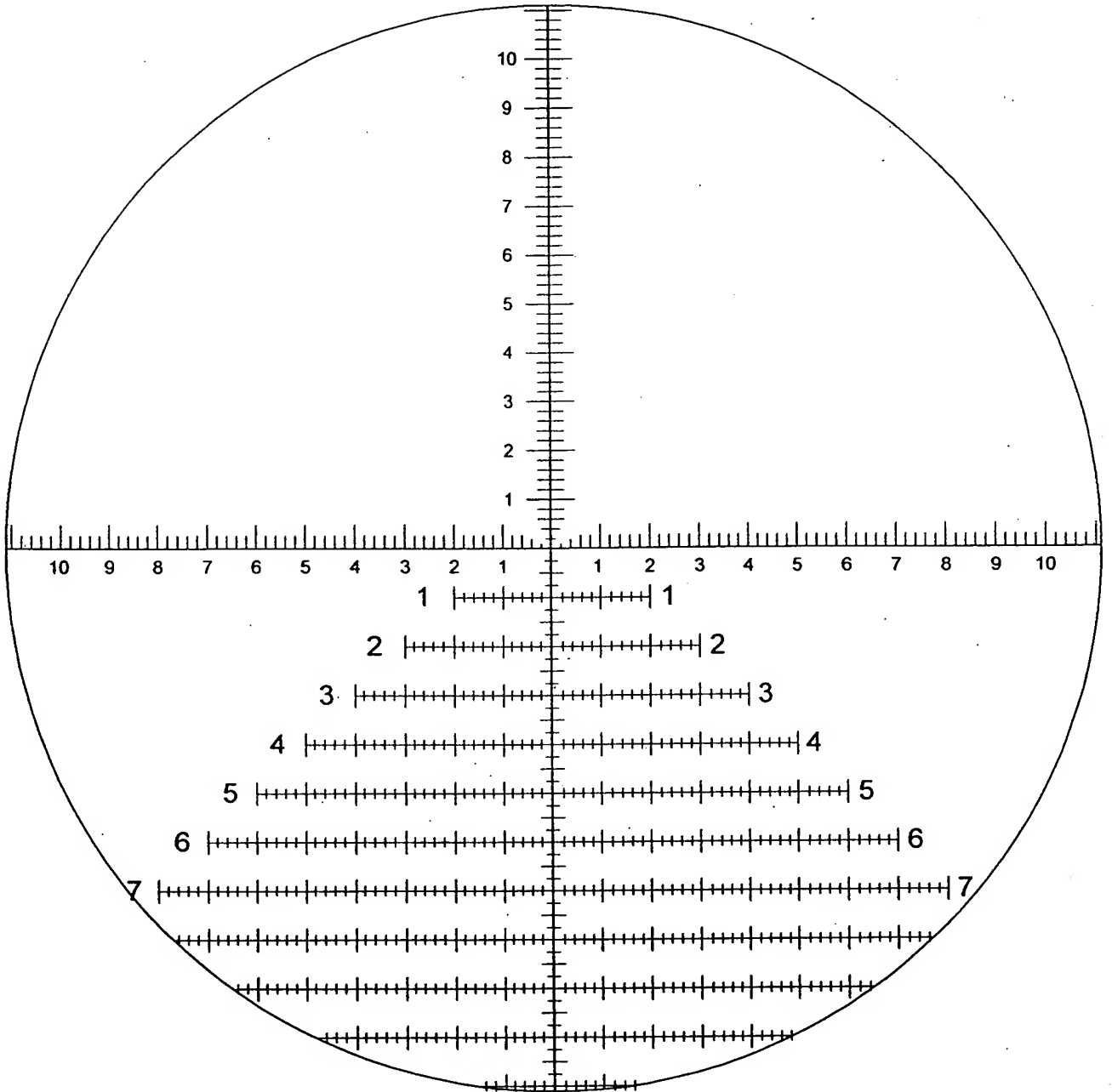


FIG. 30



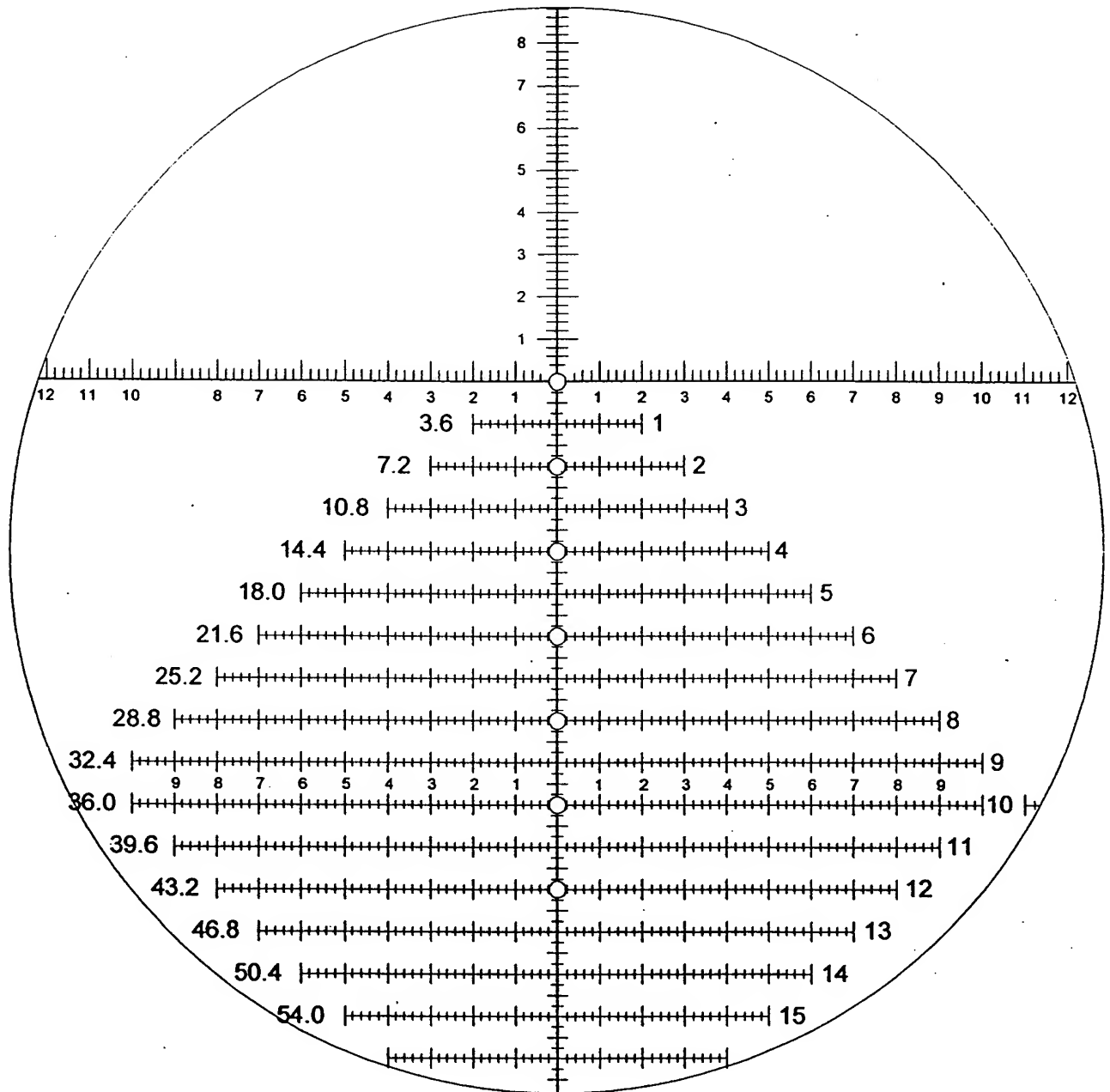
H-13

FIG. 31



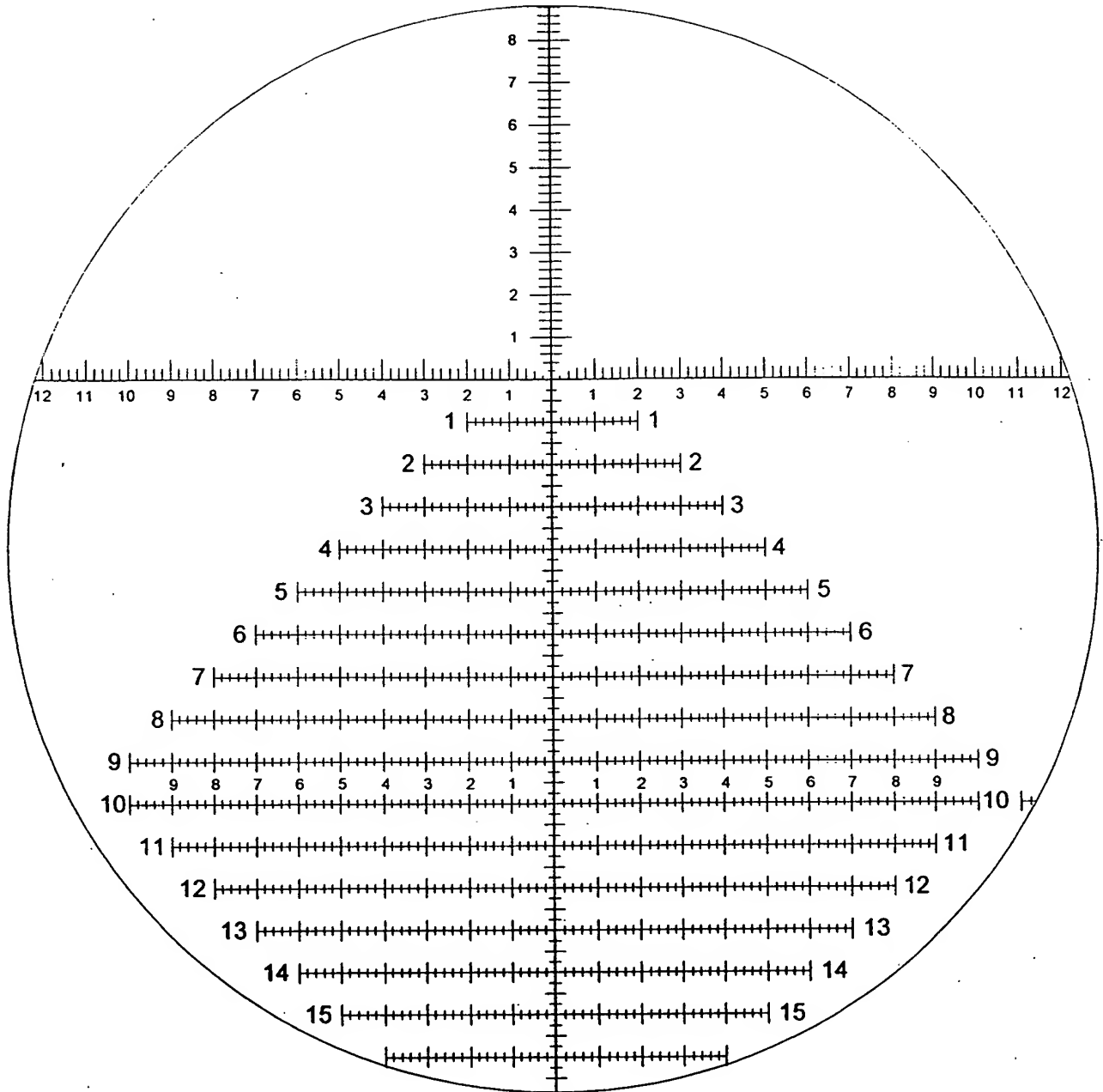
H-14

FIG. 32



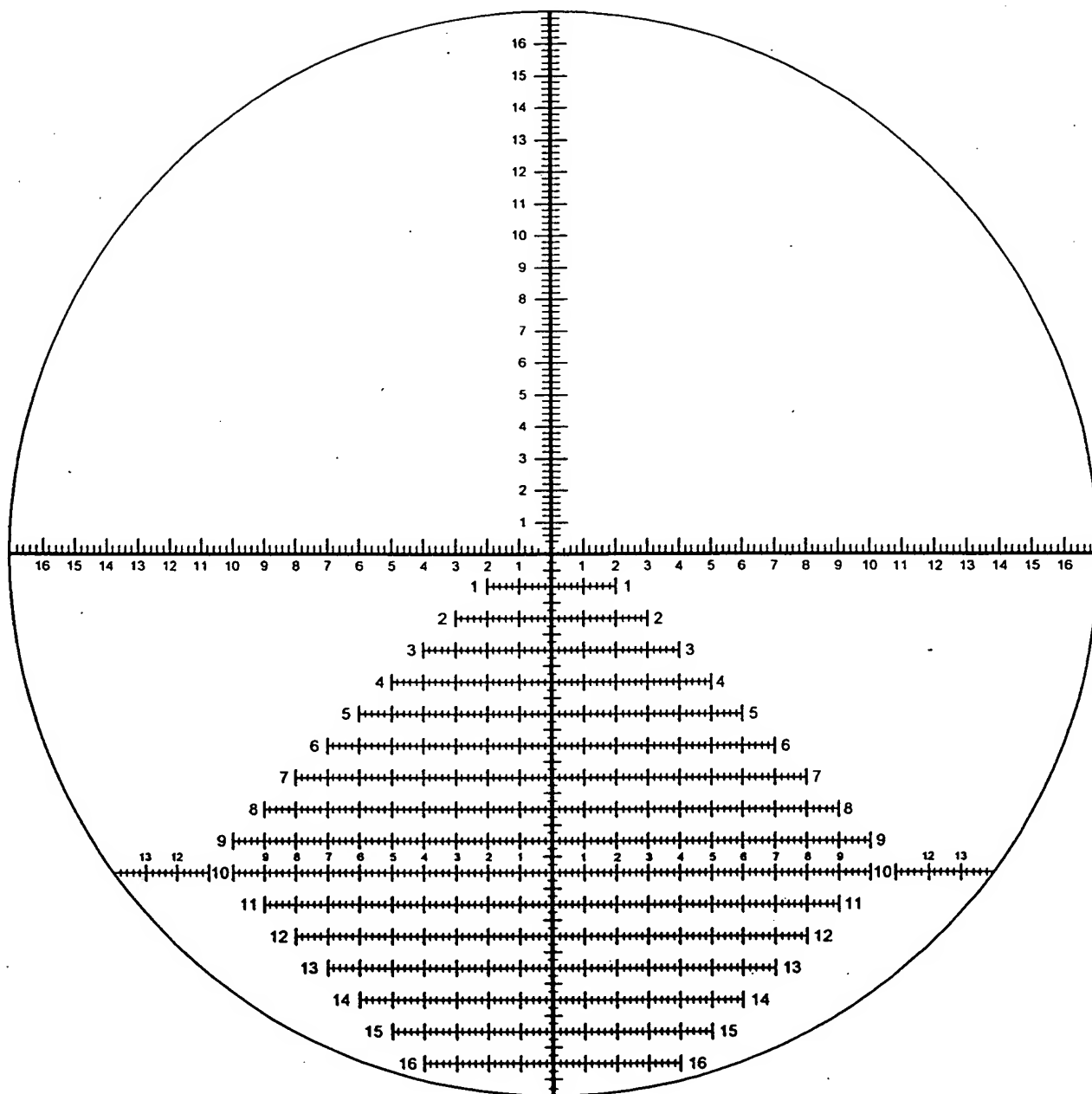
H-15

FIG. 33



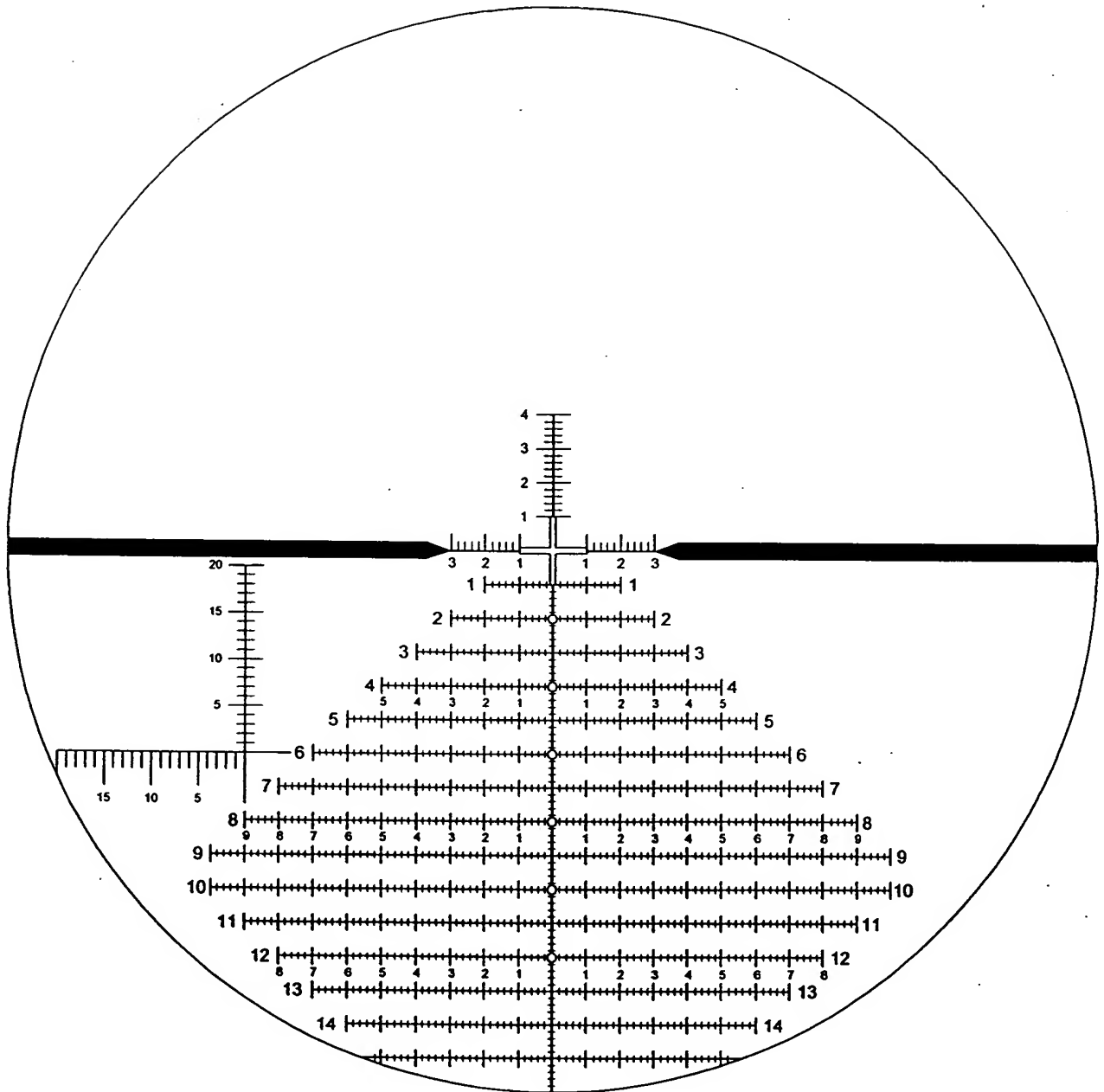
H-19

FIG. 34



H-21

FIG. 35



H-25

FIG. 35a

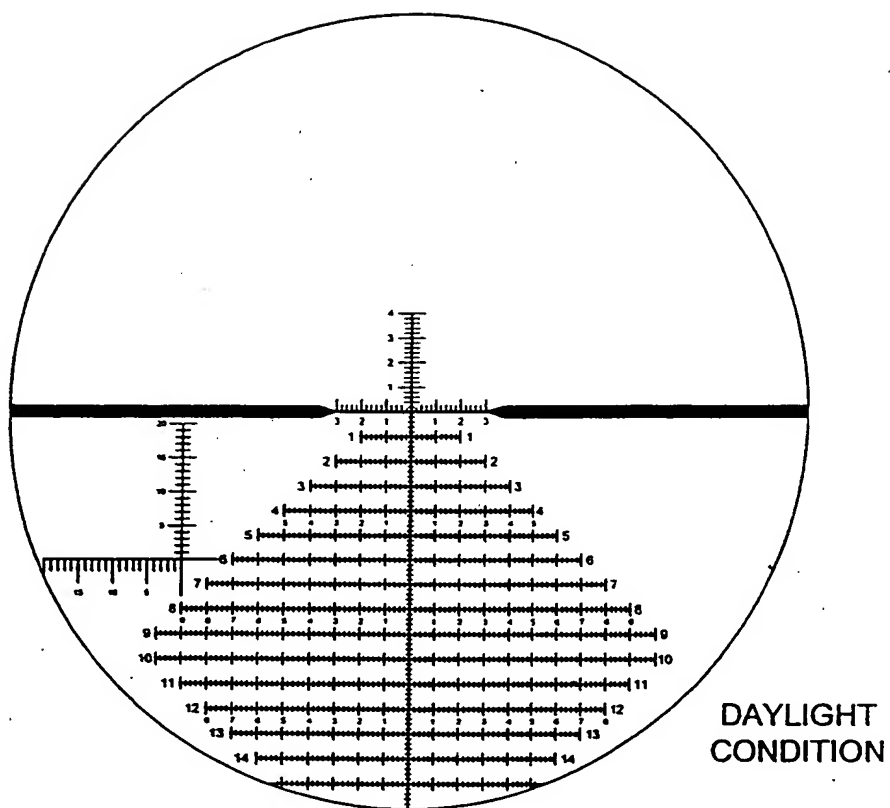


FIG. 35b

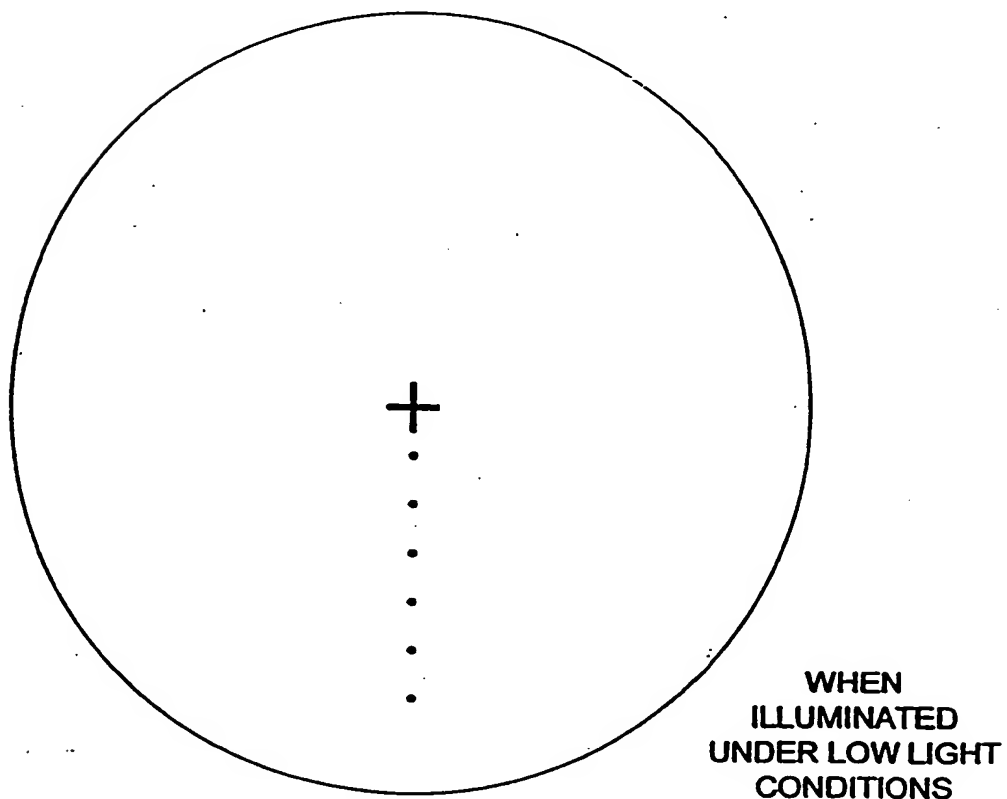
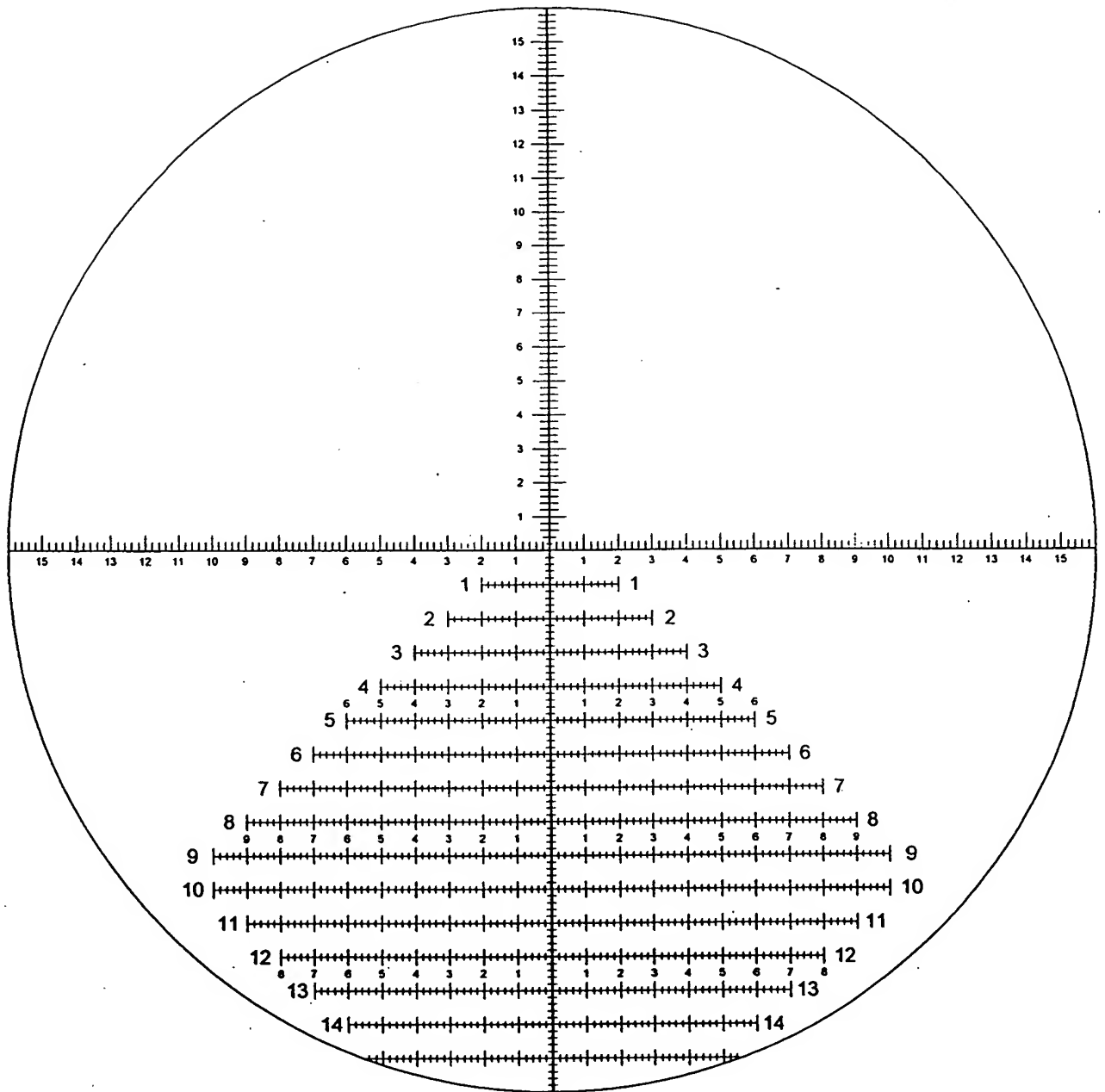


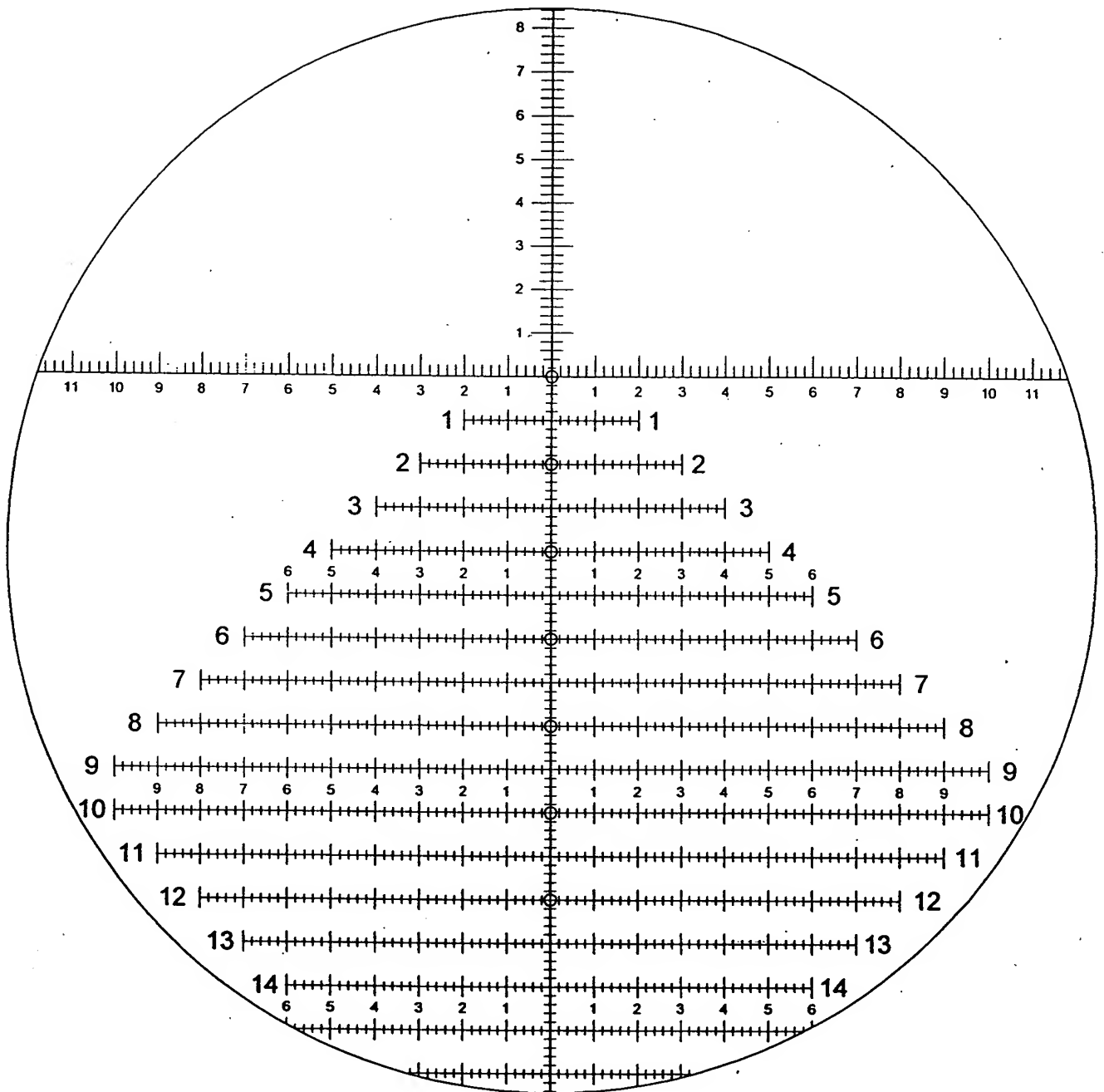
FIG. 36



H-31

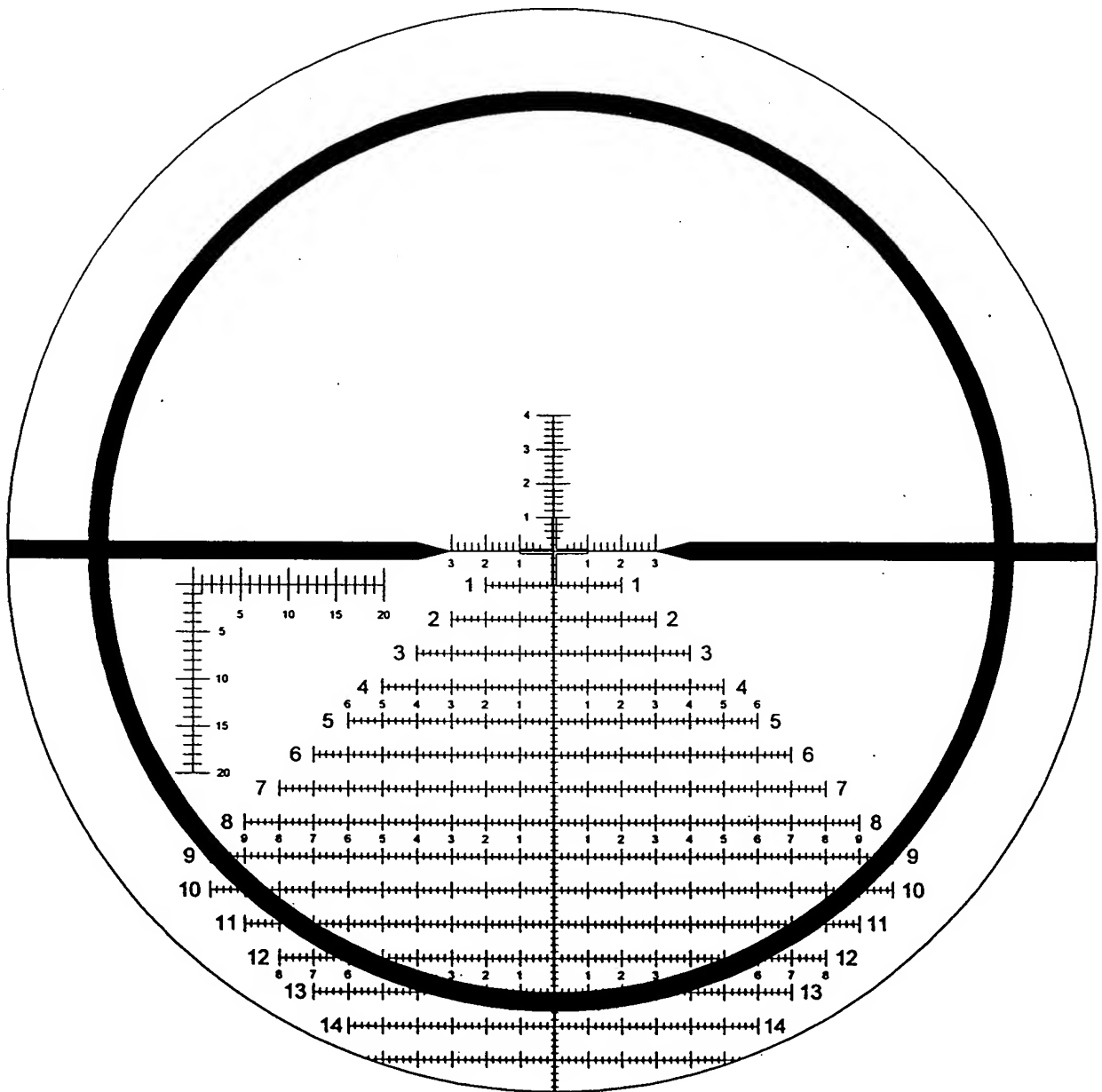


FIG. 37



H-39

FIG. 38



H-45

Calibrated in USMC Milradians

FIG. 39a

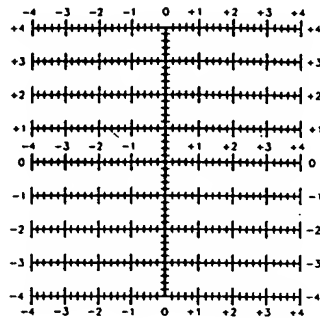


FIG. 39c

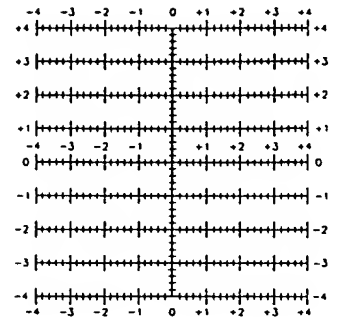


FIG. 39b

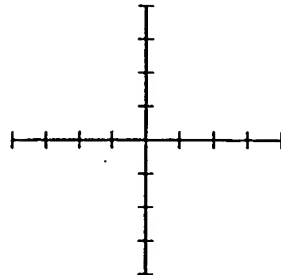
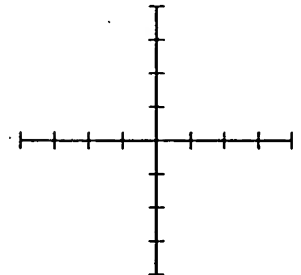


FIG. 39d



Reticle can be used in 1st or 2nd plane.

Calibrated in True MOA

FIG. 39e

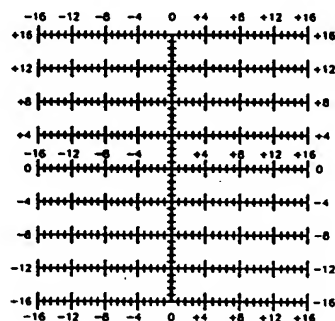


FIG. 39g

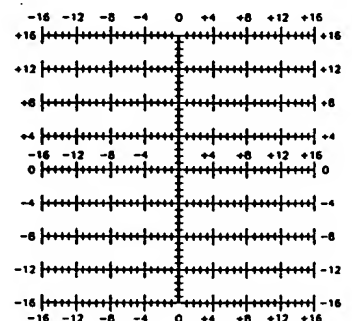


FIG. 39f

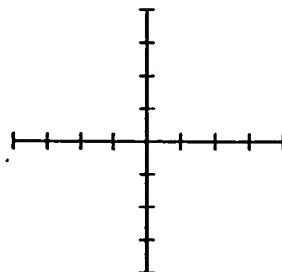
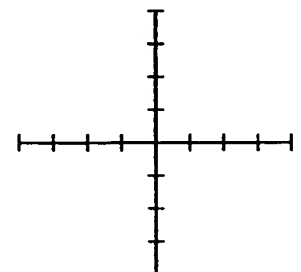
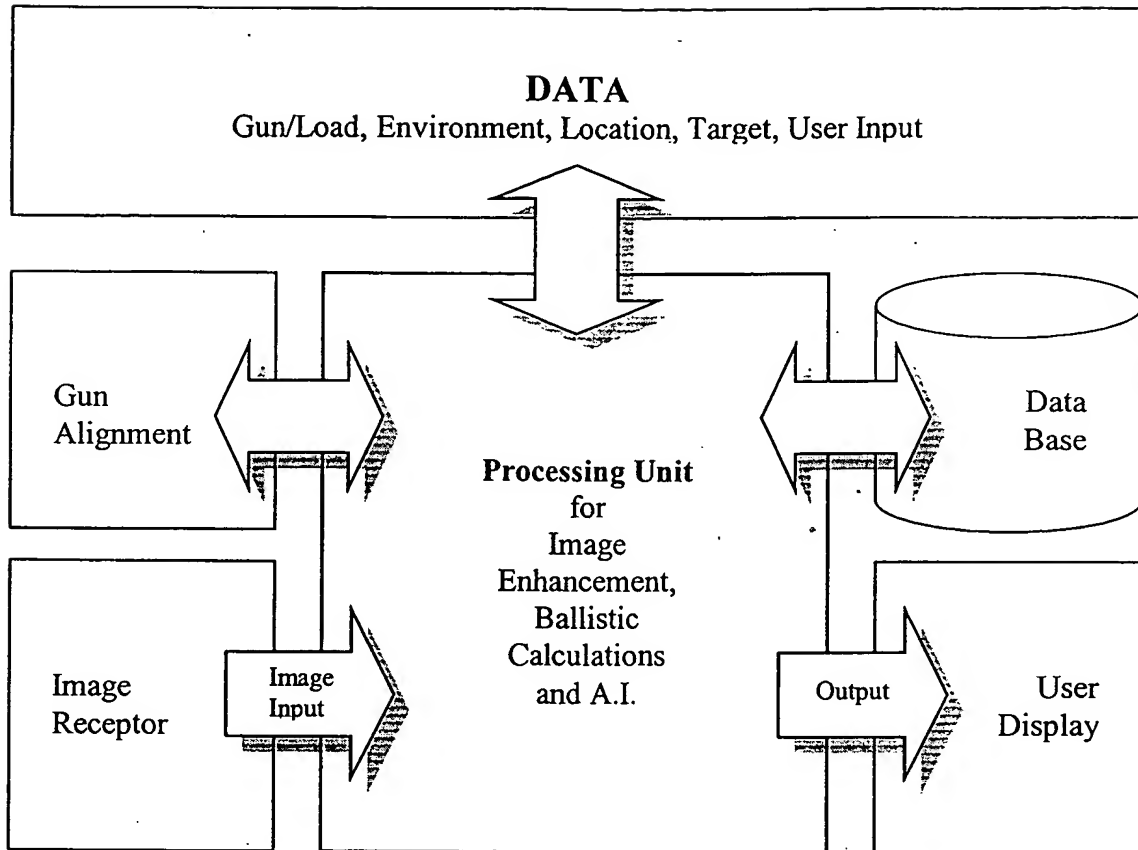


FIG. 39h





**FIG. 40**

FIG. 41a

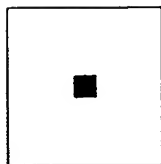


FIG. 41b

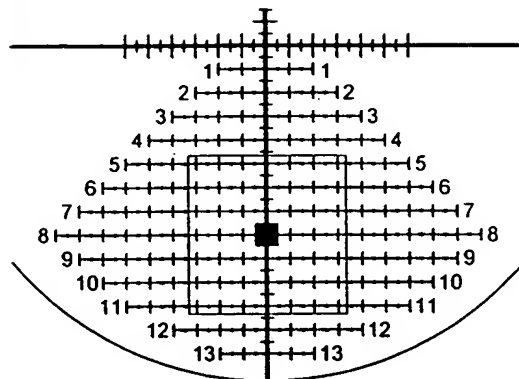


FIG. 41c

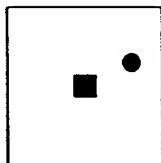


FIG. 41d

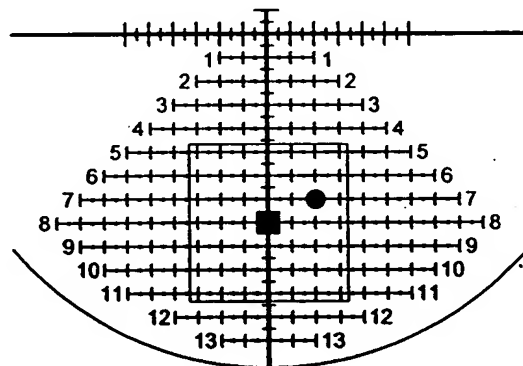


FIG. 41e

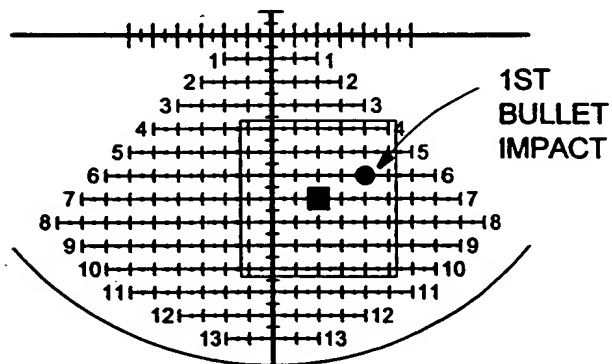


FIG. 41f

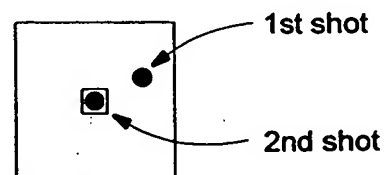
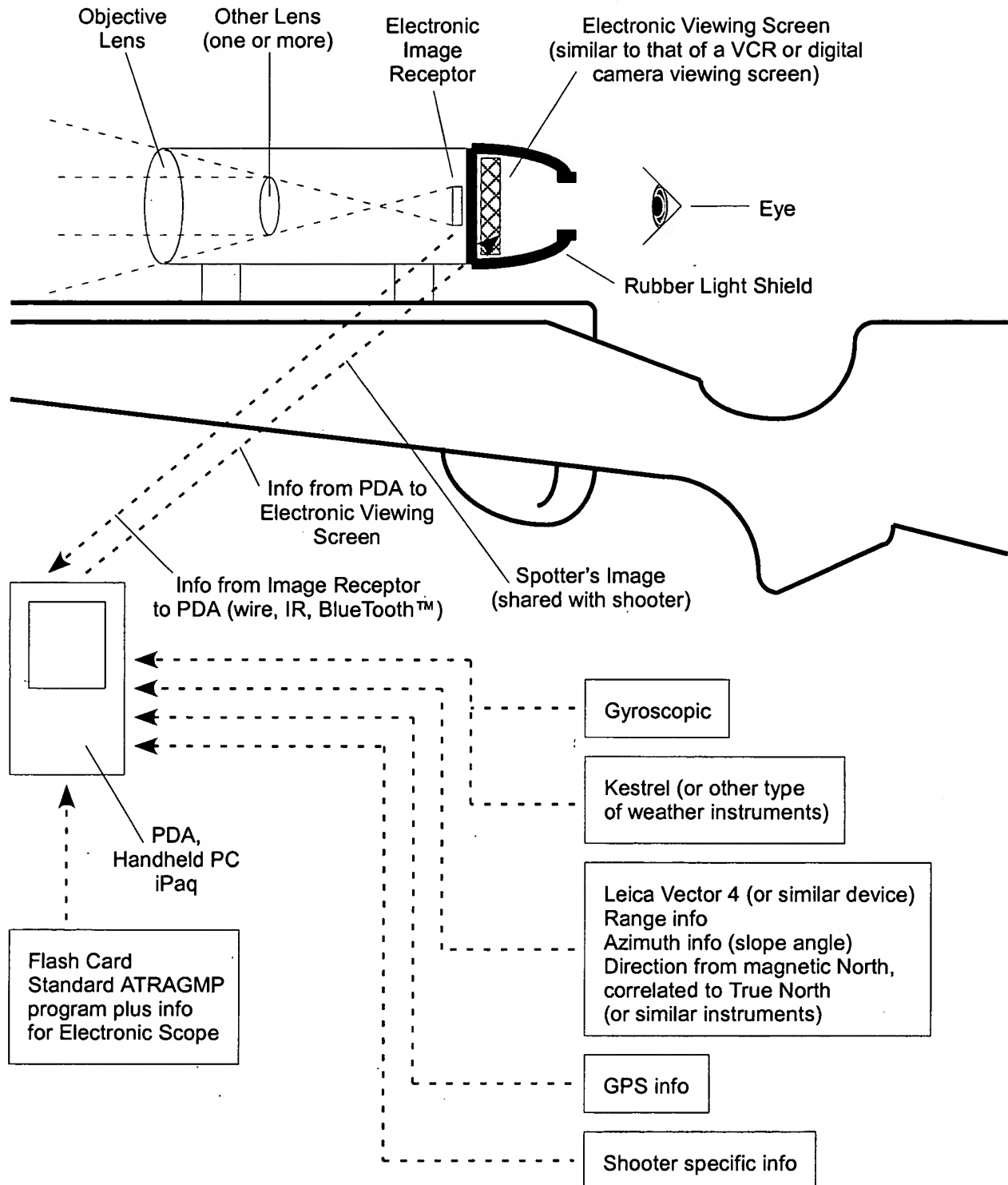
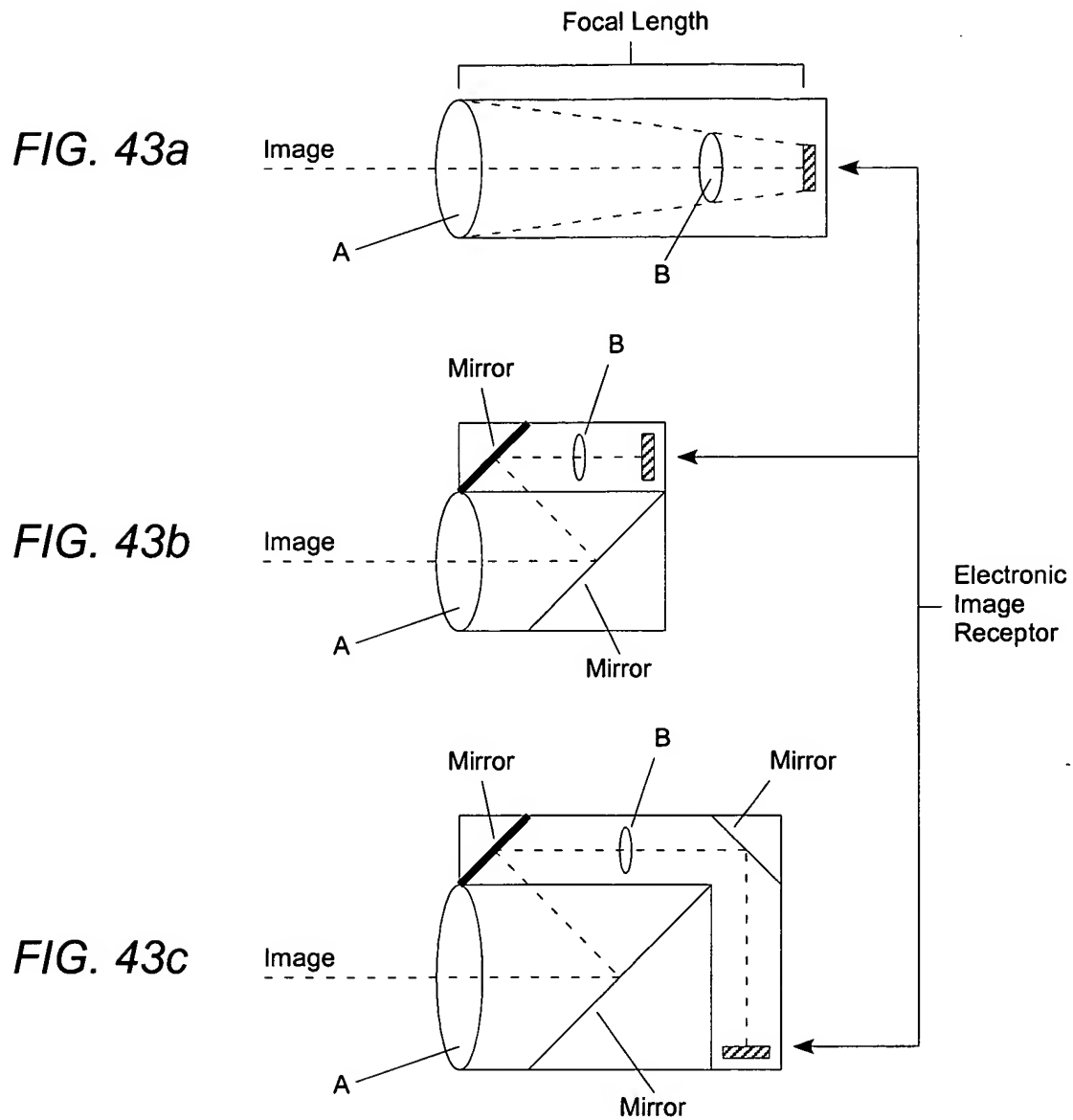


FIG. 42

Overview



## Electronic Target Acquisition Device



A = Objective lens

B = Additional lenses (one or more)

FIG. 43a = Full focal length (long length tube)

FIG. 43b & FIG. 43c = Mirrors or prisms to reduce scope length